

MARLIN P. JONES



& ASSOC. INC.

ORDER TOLL FREE

PHONE: 800-652-6733 FAX: 800-432-9937

12VDC 11.7AMP POWER SUPPLY

NEW



MFG: CONDOR
P/N: SDS140-12

OUTPUT: 12Vdc 11.7Amp

Specifications/Features:

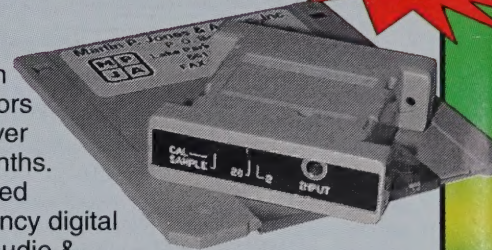
Open frame switching supply. Output reg. $\pm 0.1\%$ output noise and ripple 0.3% RMS, 1.0% P-P. Over voltage and over current protected. UL, CSA & TUV.
L: 10-1/4" W: 4-3/4" H: 2-1/4" WT: 2.9

8873-PS 12VDC @ 11.7AMP \$39.95

POWER SUPPLIES - PAGES 13-32

PC DATA SAMPLER

KIT



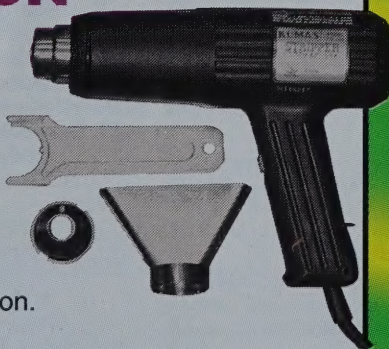
Compact PC driven A/D sampler monitors voltage changes over milliseconds to months. Sampler can be used as low frequency digital scope" to look at audio & other signals up to 5KHz. Packaged in an extended DB-25 case: unit plugs into your computer parallel port. Requires no battery or external power source. Supplied with software to get you started.
L: 2-1/4" W: 2-1/8" H: 3/4" WT: 0.2

8412-KT PC Data Sampler \$29.95

KITS - PAGES 64-75

DUAL RANGE HEAT GUN

BARGAIN



Heat Gun with two ranges 600°F or 1150°F with a max output of 1500 Watts. 6ft. 3 wire 115VAC power. Two nozzle attachments included. Ideal for heat-shrink tubing, paint stripping & plastic fabrication.

UL LISTED

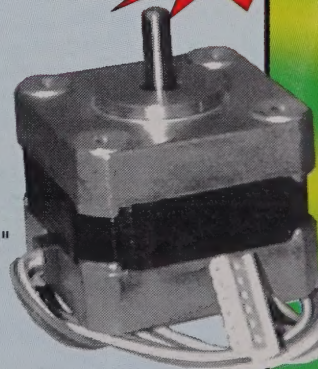
L: 9-1/2" W: 2-1/2" H: 7-1/4" WT: 2.1

8872-TL Heat Gun \$39.95

TOOLS - PAGES 89-97

9.6V STEPPER MOTOR

VALUE



MFG: VEXTA
P/N: C6944-9012
COIL: 9.6VDC/3A
TYPE: 2 Phase Uni-Polar 6 Lead
HOLDING TORQUE: 22OZ/IN
STEP ANGLE: 1.8 Deg
Size 17 motor with 3/16" dia X 1/2" long shaft. 12" leads. Four 4-40 threaded mounting holes.
L: 1-7/8" W: 1-5/8" sq. WT: 0.5

8844-MS 9.6V Step Motor \$2.95

MOTORS - PAGES 57-59



MPJA

www.mpja.com

E-MAIL: mpja@mpja.com

CATALOG 97-6A



PRICE - \$3.00

**TRY OUR
FAX BACK
SERVICE
561-848-1125**

Annunciators	76-79
Alarms	
Piezo	76,79
Fire	79
Antennas	121
Alligator Clips	121
Audio-	
Microphones	80
Speakers	76-79
Ultrasonic	80
BASIC STAMP	
uComputer	75
Add on's	75
Battery	124
Boards/Circuits	80
Books	125
Box/Cabinet	81-83
Breadboards	88
Bridges	110,111
Buzzers	79
Cables	48,49,103,127-132
Cameras	5-11
Capacitors	105-107
Chemicals-	
Alcohol Swipes	96
Contact cleaner	98
Degreaser	98
Dusting Gas	98
Flux Remover	98
Heatsink Compound	
Solder	96
Tape head cleaner	
Chokes	33
Computer	
Adaptors	126-130
Boards	75,128
Cables	126-130
Case	127
Gender Changers	126
Mouse	127
Power Supplies	27,28
Surge Protectors	128
Switch Boxes	126
Trackball	127
Connectors	
AC	125
Audio	118,119,121
BNC	116,118,121
DB	119
DIN	118
F (TV)	104
IDC	119
N	117
RF	116-118,121
Telephone	49
UHF	117,118
Misc	116-121
Counters, Impulse	63
Cores	33
Crimp Terminals	122
Crystals Osc.	115
Data Switches	126,128
DC/DC Converters	14-16
DIAMOND INTERNATIONAL	
Learning Software Videos	
Diodes	110,111
Displays	108,109
DIY Kits	64-71
DTMF	
Decoders/Display	73,74
Encoders	45
IC	115

ELCOM	
Communication Automation	140
ELECTRONIC RAINBOW	
Kits	72-74
ELENCO	
Pwr. Supplies, Test Eq. ...	20,89
EMCO	
Power Supplies	20
Fans & Blowers	34-39
Fittings	59
Fuses/Cir. Brkrs	123,124
GLOBAL SPECIALTIES	
Test Equipment	
Gauges	63
Hardware	84,124,125
Heatsink	99
Home Automation	
X-10	136,137
Elcom	140
I/R Equipment	
Movement Detector	11,67,80
Camera	7
Integrated Circuits	112,115
Instructional Videos	138-139
INTERNATIONAL POWER	
Power supplies	18,19
Kits	64-75
Knobs	100
Lamps	135
Laser	133
LCD Disp.	108,109
LED's	109,113-115
Lens/Magnifiers/Optics	90,133,134
LMB	
Metal & Plastic Cabinets ..	82,83
Locks	45,84
MG Chemicals	
Sprays, Swabs	98
Magnet	101
Magnetic Stripe Readers	131
Meters-Digital Test	86-88
Panel	3,85
Time	63
Microphones	80
MING	
Xmitt/Recvrs.	11
Monitors	5-11
Motion Detector	11,65-67,80
Motors	
AC	58
DC	57-59
Step	57
Optics	90,134
ORDER PAGE & INS.	
Rate chart etc.	142,143
PARALLAX	
uComputer accessories	75
Photo Detectors	113
Plug Transformers	12,28-30
Power Supplies	12-28,89
PRO VIDEO	
Security Cameras	5-12
Monitors	10
Rare Earth Magnets	101
RAINBOW	
Kits	72-74
Rectifiers	110-113
Relays	52-56
Resistor/Pot	105

SAMLEX	
Power supplies	20
SCOTT EDWARDS ELECTRONICS	
Stamp acces.	75
SCR	111,113
Security Equipment	4-12
Semi/Opto/IC	108-115
Sirens	76,79
Solder	
Solder	96
Stations	96,97
Wick	96
Solenoid	60,61
Solenoid Valves	62
Solid State Relays	56
Speakers	76-79
Step Motors	57,58
Swabs	98
Switches	
Data	126-128
Keyboard/Pad	45,127
Micro	40
Reed	44
Thumb/Coded	41,46
Toggle	42,43
TECH SPRAY	
Chemicals	
Telephone	
Cable	48,49
Connectors	48-50
Equipment	51
Jacks	47-50
Kits	67,69,73,74
Keystone	49
Recorders	51
Ringer	47,50
Terminals	119-122
Test Equip.	85-88
Thermoelectric Module	115
Tools	
Brushes	91,95,96
Crimp	89,90
Clip Leads	88
Pliers	91-94
Magnifiers	90
Solder Stations	96,97
Strippers	91,92
Swabs	98
Telephone	47,92
Tone Encoder	45
Transformers/Cores	28-33
TT Systems	
Phone Equip	51
Transistors	111-113
TV	
Amplifiers	102
Cable	103
Splitters	102,104
Switchers	12,103,104
Transceivers	140
Ty-Wraps	84
UCANDO	
Learning Electronics videos .	138,139
Ultraviolet Light	80
Valves/Fittings	62,63
VIVITAR	
Video Systems	9
Voltage Regulators	112
Wire/Cable/Cords	127-131
X-10	
Home Automation	136,137
Zener Diodes	111

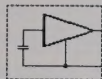
FEATURE ITEMS

TILT SWITCH

Comus Int. AU1303-0 Gold plated, metal body tilt switch. Designed to be mounted near horizontal. Max make angle = 10° below horiz. Max break angle = 10° above horiz. Contacts rated 60V max, .25A max, 3VA max. Case is part of circuit.

L body: .4" (.88" O/A) Dia: .19" WT: .001

STOCK #	DESCRIPTION	PRICE
8782-SW	Comus Tilt Switch	\$0.50

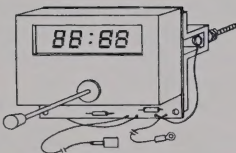


FET ELECTRET MIKE

Omni directional electret mikes with FET amp. 20-16KHz. bandwidth. 10V DC max supply.

Dia: 3/8" H: 1/4" WT: .002

STOCK #	DESCRIPTION	PRICE
8384-MK	FET Mike	\$0.50



12V CAR CLOCK

12VDC car clock with Blue-green vacuum fluorescent display. Shows hour & minutes. Designed to mount in the instrument cluster in the dash. 2" switch shaft to set the time.

W: 2-3/4" T: 2-7/8" D: 2-5/8" WT: .21

STOCK #	DESCRIPTION	PRICE
7950-MI	12VDC Toyota Clock	\$3.75



SURFACE MOUNT MINI PUSH BUTTON SWITCH

Hosiden HKW0622-01-010 SPST-NO switch. Surface mount, super small pushbutton switch is only 6mm (3/16") Sq. X 4mm (5/32") tall, excluding leads. Rated: 15VDC @ 10mA, 50m Ohm contact resistance max. 130gm activation force. Used in VCRs, TVs, etc.

Mounting: Surface mt PC Board WT: .001

STOCK #	DESCRIPTION	PRICE
8889-SW	Surface Mt. Mini Switch	\$0.19



60MHZ SCOPE PROBE SELECTABLE 10X OR 1X

Quality oscilloscope probe with a BNC connector to match to most equipment.

Bandwidth 1X = >4MHz +1db: >6MHz +3db.

10X => 40MHz +1db: >60MHz +1db: Capacitance 1X = 180pF; 10X = 22pF, (+ scope input). Max input: 600V AC P/P + DC. With ground lead & retractable hook tip. For field service, schools or shop.

L: 1.5m WT: .17

STOCK #	DESCRIPTION	PRICE
8630-TE	60MHz Scope Probe	\$14.95

POWER OPTO ISOLATOR

MFG: MOTOROLA

P/N: MOC2A40-5

LED CONTROL CURRENT: 5mA

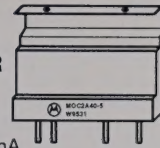
RATED: 2.0A, 125VAC

CONNECTION: PC Mount SIP

Zero crossing, LED input, Triac output, power opto-isolator rated 400V blocking, 400uS dV/dT min.

WT: .01

STOCK #	DESCRIPTION	PRICE
8871-OP	Power Opto-Coupler	\$2.95

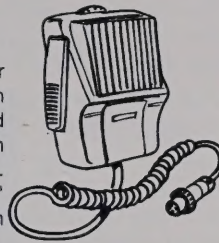


POWER MIKE

Power mike designed for use with Cobra/Uniden CB radios. 24" collapsed black vinyl coil cord with 4 pin mike connector. Standard "Push-to-Talk" lever on side and a gain control pot on the top

WT: .43

STOCK #	DESCRIPTION	PRICE
8607-MK	Power Mike	\$8.95

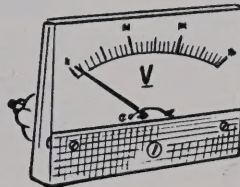


SWITCHBOARD VOLT METERS

Quality switchboard panel meters. Accuracy rated 2-1/2%. Black legends on white face with red tip pointer. Plastic case with "zero" set adjustment. Front mounts in 2-3/8" (60mm) hole. Two mounting screws. AC & DC ranges, and matching Ammeters available.

W: 3-1/8" H: 2-1/2" D: 2-3/8" WT: .24

STOCK #	DESCRIPTION	PRICE
8718-ME	0-15V DC Voltmeter	\$13.95
8719-ME	0-30V DC Voltmeter	\$13.95
8722-ME	0-150V AC Voltmeter	\$13.95
8723-ME	0-300V AC Voltmeter	\$13.95

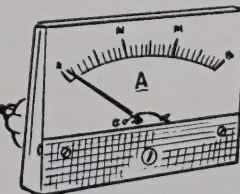


SWITCHBOARD AMP METERS

Quality switchboard panel meters. Accuracy rated 2-1/2%. Black legends on white face with red tip pointer. Plastic case with "zero" set adjustment. Front mounts in 2-3/8" (60mm) hole. Two mounting screws. AC & DC ranges, and matching Voltmeters available.

W: 3-1/8" H: 2-1/2" D: 2-3/8" WT: .24

STOCK #	DESCRIPTION	PRICE
8725-ME	0-100uA DC Ammeter	\$13.95
8726-ME	0-1mA DC Ammeter	\$13.95
8729-ME	0-100mA DC Ammeter	\$13.95
8731-ME	0-5A DC Ammeter	\$13.95
8732-ME	0-15A DC Ammeter	\$13.95
8735-ME	0-5A AC Ammeter	\$13.95



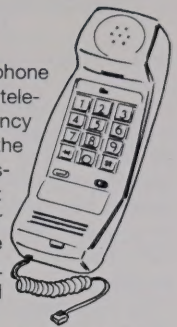
DISPOSABLE PHONE

Model TS-300C Line powered phone designed for use at trade shows, telethons, dorms, camps, emergency backup, etc. where the loss or the convenience of a cheap disposable phone is needed. Features: big buttons, selectable tone or pulse, last # radial. Ringer can be turned off. FCC registered & UL listed. Comes with 11ft cord and wall bracket. White only.

For more TT Systems Phone Accessories see Pg. 51

WT: 1.1

STOCK #	DESCRIPTION	PRICE
8819-TT	TS-300C Disp. Phone	\$14.95



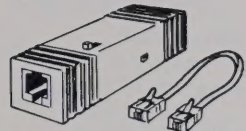
DISTINCTIVE RING DIRECTOR

TT Systems Model DR-100 utilizes your phone company's "Distinctive Ring" multi-number/single line service to direct calls to a specific device such as: kids phone, FAX machine, modem, etc. Features: "Ring" LED, Polarity switch and a Selector switch to set ring pattern to be identified.: Long, 2 short, 2 short+long, or short-long-short. Line powered.

For more TT Systems Phone Accessories see Pg. 51

WT: .77

STOCK #	DESCRIPTION	PRICE
8818-TT	DR-100 Ring Detector	\$29.95



CALLER ID BLOCK

Model CB-100 protects your identity by automatically blocking your phone number from being displayed on Caller ID units. Connects anywhere on your line. MOD jacks for easy connection. Please note that people you call that have restricted call to those who allow display their # will not receive your call. Line powered no battery required.

For more TT Systems Phone Accessories see Pg. 51

WT: .68

STOCK #	DESCRIPTION	PRICE
8817-TT	CB-100 Caller ID Block	\$24.95



100MHZ SCOPE PROBE SELECTABLE 10X OR 1X

Quality scope probe with BNC connector to matches most equipment. For field service, school or shop. Bandwidth: 1X = >6MHz +3db 10X => 100MHz +3db Capacitance 1X = 150pF; 10X = 14pF, (+ scope input). Max input: 600VDC. With ground lead, retractable hook tip, pin tip with IC lead cover & std. cover.

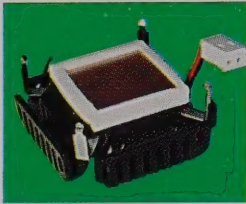
L: 1.5m WT: .17

STOCK #	DESCRIPTION	PRICE
8682-TE	100MHz Scope Probe	\$22.95

FEATURE ITEMS

THERMOELECTRIC MODULE & HEATSINK

Peltier Effect cooling module with 127 Pairs of couples mounted to a heatsink assembly. When powered one side gets cold while the other is hot. Designed to cool the powerPC 601 CPU but has many other uses. For 12V DC operation & requires up to 2.5A. (Our 12VDC fan 7751-FN snaps into heatsink). Module is similar to Melcor CP-1-127-08L



L: 2-1/4" W: 2-1/4" T: 1" WT: .11

STOCK #	DESCRIPTION	PRICE
8688-PM	Peltier/Heatsink Module	\$19.95

230/115 VAC TRANSFORMER

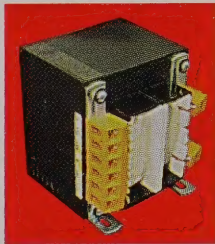
MFG: SIGNAL
P/N: M4L-2-3
Input: 100/115/200/230 VAC 50-60Hz
Output: 115 VAC @ 1000W (8.7A)

Specifications/Features:

Tapped primary matches US & European line voltages. Shrouded screw/faston terminals. 4000V RMS isolation. May be used as step up from 115 to 230VAC. UL/CSA/VDE Listed.

L: 5-3/4" W: 4-3/8" H: 5-1/4" WT: 22

STOCK #	DESCRIPTION	PRICE
8687-TR	Signal M4L-3-10	\$59.95



SUPER CAPS

Super high value caps used as filter caps on the 5V buss & provides power to memory & clocks during power losses. Use in Low power op-amp circuits, or memories.

	DIA.	Height	Terminals	Wt.
7053-CR	1-1/8"	7/16"	PC pins	.06
8690-CR	5/8"	5/16"	PC pins	.004
8691-CR	3/4"	1-1/4"	1-1/8 leads	.02

STOCK #	DESCRIPTION	PRICE
7053-CR	1F @ 5.5VDC Cap	\$2.49
8690-CR	.1F @ 5.5VDC Cap	\$1.00
8691-CR	10F @ 2.5VDC Cap	\$3.95



PERSONAL COMMUNICATIONS SPEAKER

ABS case with adjustable metal mounting bracket. paper cone speaker rated: 4 ohm, 3W nom, 5W max, 200-15,000hz response. 5ft. cord with 1/8" phone plug on end. Originally for use with bag/cell phones; ideal for use as an external speaker with pocket tape players etc.



W: 4" H: 3" T: 2-1/4" WT: .6

STOCK #	DESCRIPTION	PRICE
8692-SP	Communication Speaker	\$4.95

RED LED

Liteon LTL307E high efficiency red T1-3/4 LED. Rated: 635nm, 19 mcd intensity @ 10mA, 20mA continuous current max, 2V forward drop. Diffused for 50° viewing angle.

WT: .001

STOCK #	DESCRIPTION	PRICE
8612-OP	T 1-3/4 Red LED	\$0.10ea
	Buy a 100	\$0.06ea
	Super Buy on 1000	\$0.049ea
	Lifetime Supply of 5000	\$0.039ea



135W P. C. COMPUTER SUPPLY

MFG: ASTEC

P/N: AA19030

Input:

110/220 VAC 50-60Hz

Output #1:

+5V @ 20A #2: +12V @ 2.9A

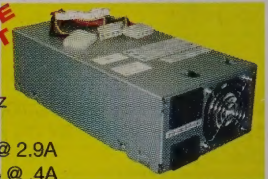
#3: -12V @ .4A #4: -5 @ .4A

Specifications/Features:

135W switching supply for P.C. systems. Standard IEC input power connector, recessed power switch, Female IEC connector for monitor. P-1 & P-2 mother board connectors & 3 molex 4 pin connectors for drives etc. Internal fan.

L: 9-1/2" W: 4-3/4" H: 2-3/4" WT: 4.4

STOCK #	DESCRIPTION	PRICE
6892-PS	135W Computer Supply	\$19.95



TRIGGER SWITCH & COIL-CORD

Enclosed SPST-NO trigger switch rated 6A @ 125 VAC connected to a black vinyl jacketed, 2 conductor coil cord. Collapsed length 3ft.; extended length exceeds 10ft. Switch is UL/CSA Listed.

WT: .6

STOCK #	DESCRIPTION	PRICE
8694-SW	Trigger Switch/Cord	\$9.95



5V 3.2A DC/DC CONVERTER

MFG:

CONVERSION DEV.

P/N: 1605S24

Input: 24V DC (18-36)

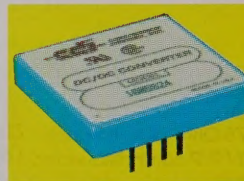
Output: 5V @ 3.2A

Specifications/Features:

.5% line, .2% load reg. 50mV P/P ripple. 500 VDC isolation. Short circuit protected. PI input filter. Shielded

L: 2" W: 2" H: 3/8" WT: .15

STOCK #	DESCRIPTION	PRICE
8686-PS	24V to 5V/3.2A Converter	\$6.95

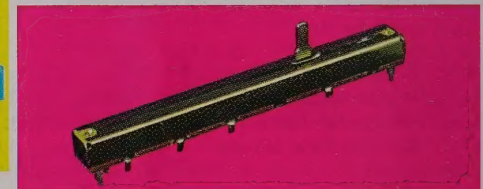


10K SLIDE POT

10K Ohm, .5 Watt slide pot. Designed for use in audio mixers and similar equipment. Features aluminized flap on top for dust and static protection. Metal slider moves 3-3/4". PC terminals. Sorry but no knobs.

L: 5" W: 1/2" H: 1-1/4" WT: .05

STOCK #	DESCRIPTION	PRICE
8693-PT	10K Ohm Slide Pot	\$2.95

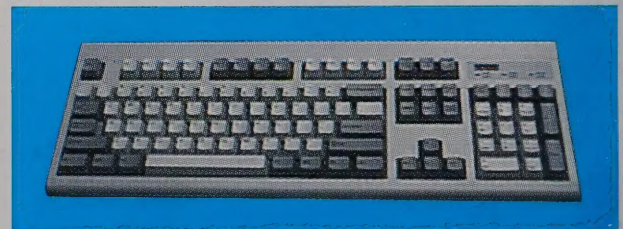


SECURITY CAMERA DOME

Sensormatic P/N UPTZ indoor camera dome. Designed to hold a fixed camera but adaptable to Pan & tilt equipment. Aluminum housing with white plastic outer cove, clear plastic dome. Designed for Pendant mounting from ceiling by 1-1/2" steel pipe flange (included). Dia: 18" Wt.: 28



ENHANCED WINDOWS 95® COMPUTER KEYBOARD



New DEC, model RT4958TW, 104 key, P.C. keyboard. 3 special key expressly for use with Windows 95®. 5ft. cable with PS-2 style mini DIN connector. If you use 95 then you will find this keyboard even more of a time saver.

STOCK #	DESCRIPTION	PRICE	STOCK #	DESCRIPTION	PRICE
7969-ST	Security Camera Dome	\$49.95	8310-KB	Windows 95® PC Keyboard	\$14.95

VIDEO/SECURITY



BLACK & WHITE CAMERA WITH AUDIO & 4MM LENS

Mfg./Model: Pro-Video CVC100L
Element: 1/3" silicon CCD sensor
Lens: Fixed 4.0mm
Scanning: EIA 525 lines- 60 fields
Auto shutter: 1/60-1/10,000
Resolution: 400H X 350V
Sensitivity: .3 lux - F:1.4

Charcoal Gray, weather resistant ABS plastic case with built in mike. Connects to any monitor or VCR with A/V inputs. Plug power pac supplied.

L: 4" W: 2.75" H: 2" WT: 1.2

Illumination: Ambient light
Video output: 75 Ohm, 2/1 interlace
1.0V P/P composite video
Audio output: 300mV @ 600 ohms
Video S/N Ratio: >45dB
Connections: Video BNC jack
Audio: RCA jack
Power (Coaxial Jack)
Power: 12VDC 100mA
Mount: 1/4-20 insert top/bottom

STOCK #	DESCRIPTION	PRICE
5916-ST	Camera with Audio	\$189.00



WALL CLOCK BLACK & WHITE SECURITY CAMERA

Mfg./Model: Pro-Video CVC275CL
Element: 1/3" silicon CCD sensor
Lens: 3.6mm, 72° Horiz.
53° Vert. Field of view
Scanning: EIA 525 lines- 60 fields
Electronic Iris/shutter:
Auto 1/60-1/50,000

Self contained camera mounted in working wall clock. Connects to any monitor or VCR with A/V inputs. Camera plug power pac supplied. Clock uses 1 "AA" cell

L: 12" W: 12" D: 2" WT: 4.4

Resolution: 400H X 350V
Illumination: Ambient light
Sensitivity: 3 lux - F:1.6
Video output: 75 Ohm, 2/1 interlace
1.0V P/P composite video
S/N Ratio: >50dB
Connections: 6in. cable
Video (RCA jack)
Power (Coaxial Jack)
Power: 12VDC 170mA

STOCK #	DESCRIPTION	PRICE
6970-ST	Wall Clock Security Camera	\$195.00

BLACK & WHITE SECURITY SPEAKER GRILLE CAMERA



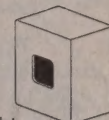
Mfg./Model: Pro-Video CVC235CS
Element: 1/3" silicon CCD sensor
Lens: 3.6mm, 72° Horiz.
53° Vert. Field of view
Scanning: EIA 525 lines- 60 fields
Electronic Iris/shutter:
Auto 1/50-1/10,000sec.

Fully operational dual cone full range speaker with camera. Mounts in same space as normal speaker. Connects to any monitor or VCR with A/V inputs.
Dia: 12" WT: 1

Resolution: 400H X 350V
Illumination: Ambient light
Sensitivity: .5 lux - F:1.6
Video output: 75 Ohm, 2/1 interlace
1.0V P/P composite video
S/N Ratio: >50dB
Connections: Video (RCA jack)
Power (Coaxial Jack)
Power: 12VDC 150mA

STOCK #	DESCRIPTION	PRICE
7570-ST	Ceiling Speaker Security Camera	\$239.95

WEATHER RESISTANT BLACK & WHITE SECURITY CAMERA



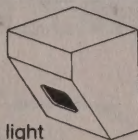
Mfg./Model: Pro-Video CVC-85SM
Element: 1/3" silicon CCD sensor
Lens: 3.6mm, 72° Horiz.
53° Vert. Field of view
Scanning: EIA 525 lines- 60 fields
Electronic Iris/shutter:
Auto; 1/60-1/50,000

Resolution: 400H X 350V
18 Ga Stainless Steel case for wall mount applications. Connects to any monitor or VCR with A/V inputs.
D: 1-3/4" W: 2-1/4" H: 2-3/4" WT: .5

Illumination: Ambient light
Sensitivity: .1 lux - F:1.6
Video output: 75 Ohm, 2/1 interlace
1.0V P/P composite video
S/N Ratio: >50dB
Connections: Video (RCA jack)
Power (Coaxial Jack)
Power: 12VDC 150mA

STOCK #	DESCRIPTION	PRICE
7710-ST	Weather Resistant Security Camera	\$234.95

ANGLED VIEW WEATHER RESISTANT BLACK & WHITE SECURITY CAMERA

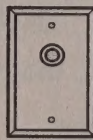


Mfg./Model: Pro-Video CVC-95AM
View: 35° down from Horizontal
Element: 1/3" silicon CCD sensor
Lens: 3.6mm, 72° Horiz.
53° Vert. Field of view
Scanning: EIA 525 lines- 60 fields
Electronic Iris/shutter:
Auto; 1/60-1/50,000
Resolution: 400H X 350V
18 Ga Stainless Steel case for high wall mount applications where camera must look down. Connects to any monitor or VCR with A/V inputs.
D: 2-3/8" W: 2-1/4" H: 2-3/4" WT: .5

Illumination: Ambient light
Sensitivity: .1 lux - F:1.6
Video output: 75 Ohm, 2/1 interlace
1.0V P/P composite video
S/N Ratio: >50dB
Connections: Video (RCA jack)
Power (Coaxial Jack)
Power: 12VDC 150mA

STOCK #	DESCRIPTION	PRICE
7708-ST	Weather Resistant Security Camera	\$234.95

IN-WALL BLACK & WHITE SECURITY CAMERA



Mfg./Model: Pro-Video/GBC
Element: 1/3" silicon CCD sensor
Lens: 3.6mm, 72° Horiz.
53° Vert. Field of view
Scanning: EIA 525 lines- 60 fields
Electronic Iris/shutter:
Auto 1/60-1/50,000

Self contained camera that mounts in same space as a single gang AC box. Connects to any monitor or VCR with A/V inputs. Plug power pac supplied.
WT: .7

Resolution: 400H X 350V
Illumination: Ambient light
Sensitivity: .1 lux - F:1.6
Video output: 75 Ohm, 2/1 interlace
1.0V P/P composite video
S/N Ratio: >50dB
Connections: 6in. cable
Video (RCA jack)
Power (Coaxial Jack)
Power: 12VDC 170mA

STOCK #	DESCRIPTION	PRICE
6968-ST	In-The Wall Security Camera	\$279.95



BLACK & WHITE SMOKE DETECTOR CAMERA WITH AUDIO

Mfg./Model: Pro-Video
Element: 1/3" silicon CCD sensor
Lens: 3.6mm, 72° Horiz.
53° Vert. Field of view
Scanning: EIA 525 lines- 60 fields
Auto Iris/shutter: 1/60-1/50,000
Resolution: 400H X 350V

Camera disguised as a smoke detector. Connects to any monitor or VCR with A/V inputs. Plug power pac supplied. **Does NOT contain Smoke Detector.**
Dia: 6.75" H: 1.5" WT: 1.4

Illumination: Ambient light
Sensitivity: .3 lux - F:1.4
Video output: 75 Ohm, 2/1 interlace
1.0V P/P composite video
Audio output: 300mV @ 600ohms
S/N Ratio: >45dB
Connections: Video BNC/RCA jack
Audio RCA jack
Power (Coaxial Jack)
Power: 12VDC 200mA

STOCK #	DESCRIPTION	PRICE
6989-ST	Smoke Detector Camera	\$234.94



BLACK & WHITE BALL SECURITY CAMERA

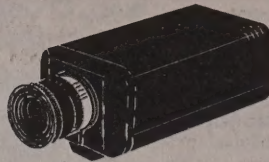
Mfg./Model: Pro-Video CVC350 BC
Element: 1/3" silicon CCD sensor
Lens: 3.6mm, 72° Horiz.
53° Vert. Field of view
Scanning: EIA 525 lines- 60 fields
Auto Iris/shutter: 1/60-1/16,000
Pivoting indoor/outdoor camera. Connects to any monitor or VCR with A/V inputs. Plug power pac supplied.
Dia: 4" Ball H: 6" Ball & Bracket WT: 2

Resolution: 400H X 350V
Illumination: Ambient light
Sensitivity: .3 lux - F:1.4
Video output: 75 Ohm, 2/1 interlace
1.0V P/P composite video
S/N Ratio: >45dB
Connections: Video (RCA jack)
Power (Coaxial Jack)
Power: 12VDC 125mA
Mount: Wall/Ceiling bracket

STOCK #	DESCRIPTION	PRICE
6987-ST	Pivoting Ball Camera	\$268.95

COLOR SECURITY CAMERA

Mfg./Model: Pro-Video CVC600C
 Element: 1/3" silicon CCD sensor
 Lens Mount: C or CS (with adaptor)
 Auto shutter: 1/60-1/15750 sec.
 Resolution: 400 lines, 2/1 interlace
 Sensitivity: .3 lux - F:1.4
 White Bal.: Auto, Thru the Lens
 Video output: 75 Ohm, NTSC, 1.0V P/P composite video

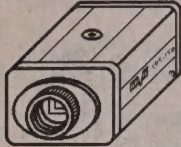


S/N Ratio: >46dB
 Iris: Built in electronic
 Connections: Video: BNC jack
 Power: Terminal Strip
 Power: 24VAC 400mA

Metal case with 1/4-20 insert in bottom for mounting. Connects to any monitor or VCR with A/V inputs.

L: 6.1" W: 2.2" H: 2.8" WT: 1.4 **Order Lens Separately**

STOCK #	DESCRIPTION	PRICE
7573-ST	24VAC Color CCTV Camera (No Lens)	\$499.95



RUGGED BLACK & WHITE SECURITY CAMERA

Mfg./Model: Pro-Video CVC150
 Element: 1/3" silicon CCD sensor
 Lens Mount: C or CS (with adaptor)
 Scanning: EIA 525 lines- 60 fields
 Auto shutter: 1/60-1/10,000
 Iris: Switch & 4pin connector

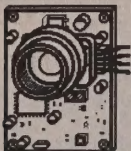
Resolution: 400H X 350V
 Illumination: Ambient light
 Sensitivity: .3 lux - F:1.4
 Video output: 75 Ohm, 2/1 interlace
 1.0V P/P composite video

S/N Ratio: >45dB
 Connections: Video (RCA jack)
 Power (Coaxial Jack)
 Power: 12VDC 100mA
 Mount: 1/4-20 insert top/bottom

Metal cased camera with connection for auto iris lens. Connects to any monitor or VCR with A/V inputs. Plug power pac supplied.

L: 4.375" W: 2.125" H: 1.675" WT: 2 **Order Lens Separately**

STOCK #	DESCRIPTION	PRICE
6977-ST	Rugged Camera (No Lens)	\$179.95



"C" MOUNT BLACK & WHITE MICRO CAMERA

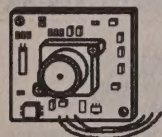
Mfg./Model: Chinon CX-102C
 Element: 1/3" silicon MOS sensor
Lens: NOT SUPPLIED
 Scanning: EIA 525 lines- 60 fields
 Electronic Iris/shutter:
 Auto 1/60-1/15,000

Resolution: 240H X 240V
 Illumination: Ambient light
 Sensitivity: 2 lux - F 1.8
 Video output: 75 Ohm, 2/1 interlace
 1.0V P/P composite video
 S/N Ratio: >45dB
 Connections: 10in. cable
 Power: 12VDC 100mA

Small board camera that accepts "C" mount Lens. Connects to any monitor or VCR with A/V inputs.

L: 2.76" W: 1.81" T: .9" WT: .1 **Order Lens Separately**

STOCK #	DESCRIPTION	PRICE
7729-ST	"C" mount Mini Camera	\$149.95



PIN HOLE SECURITY CAMERA

Element: 1/3" silicon CCD sensor
 Lens: 3.7mm, 91° Field of view
 Scanning: EIA 525 lines-60 fields
 Electronic Iris/shutter:
 Auto; 1/60-1/100,000

Resolution: 380H X 350V
 Illumination: Ambient light
 Sensitivity: .8 lux (Scene)
 Video output: 75 Ohm, 2/1 interlace
 1.0V P/P composite video

S/N Ratio: >45dB
 Connection: 48" cable with
 Video: RCA jack
 Power: (Coaxial Jack)
 Power: 12VDC 125mA

Uses Pin Hole lens that can be easily concealed. Self contained camera that can be connected to any EIA monitor or VCR with A/V inputs.

L: 1.8" W: 1.6" T: .62" WT: .2

STOCK #	DESCRIPTION	PRICE
6961-ST	Pin Hole Camera	\$159.00

COLOR SECURITY CAMERA

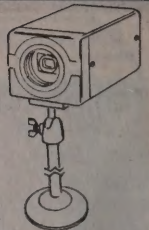
Mfg./Model: Pro-Video CVC510C
 Element: 1/3" silicon CCD sensor
 Lens Mount: C or CS (with adaptor)
 Resolution: 330 lines lines Horiz.
 350 lines Vert.

Scanning: 2/1 interlace
 Sensitivity: 2 lux - F:1.2
 White Bal.: Auto, Thru the Lens
 Video output: 75 Ohm, NTSC 1.0V P/P composite video

Black metal case with removable 1/4-20 mounting bracket & stand. Connects to any monitor or VCR with A/V inputs. Plug Power Pac Supplied

L: 2.2" W: 1.8" H: 1.8" WT: .7 **Order Lens Separately**

STOCK #	DESCRIPTION	PRICE
8340-ST	12VDC Color CCTV Camera (No Lens)	\$449.95



AGC: >18dB
 Iris: Built in electronic
 Connections: Video: BNC jack
 Power: Coaxial Jack
 Power: 12VDC 380mA

PIR DETECTOR WITH BLACK & WHITE SECURITY CAMERA

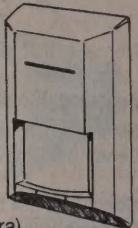
Mfg./Model: Pro-Video CVC270PIR
 Element: 1/3" silicon CCD sensor
 Lens: 3.6mm
 Scanning: EIA 525 lines- 60 fields
 Auto shutter: 1/60-1/50,000
 Resolution: 400H X 350V
 Illumination: Ambient light
 Sensitivity: .3 lux - F:1.4
 Video output: 75 Ohm, 2/1 interlace
 1.0V P/P composite

S/N Ratio: >45dB
 Connections:
 Video (RCA jack)
 Power (Coaxial Jack)
 PIR: Terminal Strip
 Power:
 12VDC 20mA (PIR)
 12VDC 200mA (camera)
 Mount: Screw or Swivel bracket

Fully functional PIR with interchangeable Volumetric, Pet & Barrier lens. Connect to alarm system or to alarming switcher. Camera connects to monitor, VCR or switcher. Camera Plug power pac supplied. PIR not powered from camera

L: 5" W: 2-7/8" H: 2" WT: 2

STOCK #	DESCRIPTION	PRICE
8805-ST	PIR Camera	\$224.95



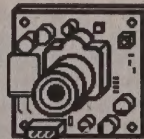
"CS" MOUNT CCTV CAMERA LENSES

Mfg: Pro-Video
 Type: Manual Adjust
 1/3" Format

WT: .56

STOCK #	DESCRIPTION	PRICE
7575-LN	Fixed 4mm F1.2 With Focus Adj.	\$69.95
7469-LN	Fixed 8mm F1.2 With Iris & Focus adj.	\$89.95
7576-LN	Fixed 8mm F1.3 With Focus Adj.	\$49.95
7577-LN	Fixed 16mm F1.6 With Focus Adj.	\$39.95

BOARD CAMERA WITH LENS



Electronic Iris/shutter:
 Auto: 1/60-1/32000 Sec.
 Resolution: 360 Horizontal
 420 Vertical
 Illumination: Ambient light
 Sensitivity: .1 lux. @ F: 1.8
 Video output: EIA std. 75 Ohm, 2/1 interlace 1.0V P/P composite video
 Connections: 7" Video & Power leads
 Power: 12VDC+-1V @ 90mA

Mfg.: Kocom CA-H32A
 Element: 1/3in. Monochrome, CCD
 Lens: Fixed 3.6mm F: 1.8
 Field of view: 74° Horiz.; 55° Vert.

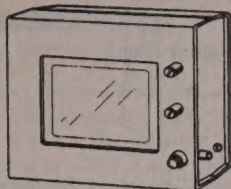
Super small board camera with Lens. Connects to any monitor or VCR with A/V inputs.

L: 1.5" W: 1.5" D: 1.2" WT: .2

STOCK #	DESCRIPTION	PRICE
7383-ST	Mini Kocom Camera	\$99.95

VIDEO/SECURITY

4" COLOR LCD MONITOR



4" Diagonal Active matrix colorTFT LCD monitor with built-in back light. 480H X 240V dots for a bright picture. Requires 12VDC @ 400mA. RCA jack for std. NTSC composite Video input & Coaxial jack for power. Controls on front for Color Brightness & power. Hi-impact plastic case with 1/4-20 mounting bushing in bottom. Ideal for areas where light & reflection make CRTs hard to see.

W: 6.7" H: 5.78" T: 2.7" WT: 2

STOCK #	DESCRIPTION	PRICE
7970-ST	4" Color LCD Monitor	\$289.95
8261-ST	12V DC Plug Supply for Color LCD Monitor	\$18.95

MULTI-MEDIA BLACK & WHITE CAMERA

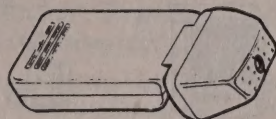
Element: 1/3" silicon CCD sensor
Lens: Fixed
Scanning: EIA 525 lines- 60 fields
Iris/shutter: Auto; 1/60-1/10,000
Resolution: 400 H X 500 V (380 lines)
Illumination: Ambient light
Sensitivity: 1 lux. @ F: 1.2
Video output: 1.0V P/P EIA std. 2/1 interlace composite video

Tilt head allows adjustment +/- 30° tilt of head. New Mini camera package for multimedia or security applications. Platinum color plastic case.

UL/CSA Plug transformer Available

L: 7-3/4" W: 2-7/8" T: 1-7/8" WT: 1.5

STOCK #	DESCRIPTION	PRICE
7797-ST	Multi-media Camera	\$89.95
7798-PD	12VDC Plug Supply for Multi-media Camera	\$5.95



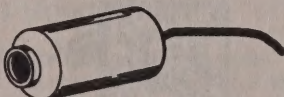
Connections: RCA jack for Video
Coaxial jack for Power
Power: 12VDC @ 160mA
Mounting: 4 rubber feet for top edge of monitor; also standard 1/4-20 threaded insert in bottom.

SUPER MINI BLACK & WHITE BULLET CAMERA

Element: 1/3" silicon CCD sensor
Lens: Fixed 3.6mm or Pinhole
Scanning: EIA 525 lines- 60 fields
Iris/shutter: Auto; 1/60-1/50,000
Resolution: 380 lines
Illumination: Ambient light
Sensitivity: .5 lux. @ F: 2.0
Super small, rugged metal case. Connects to any monitor or VCR with A/V inputs.

Dia: 7/8" L: 1-9/10" Ship Wt.: 1

STOCK #	DESCRIPTION	PRICE
8584-ST	"Bullet" Security Camera with 3.6 Lens	\$169.95
8598-ST	"Bullet" Security Camera with Pinhole Lens	\$169.95



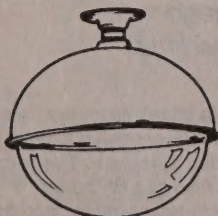
Video output: 1.0V P/P EIA std. 2/1 interlace composite video
Connections: RCA jack for Video
Coaxial Plug for Power
Power: 12VDC +1V @ 100mA
Plug power pac & Mounting bracket included

SECURITY CAMERA DOME

Sensormatic P/N UPTZ indoor camera dome. Designed to hold a fixed camera but adaptable to Pan & tilt equipment. Aluminum housing with white plastic outer cove, clear plastic dome. Designed for Pendant mounting from ceiling by 1-1/2" steel pipe flange (included).

Dia: 18" Wt.: 16

STOCK #	DESCRIPTION	PRICE
7969-ST	Security Camera Dome	\$49.95



BLACK & WHITE BOARD CAMERA WITH 3.6MM LENS & I/R LED'S

Resolution: 360H X 420 V
Illumination: Ambient light -I/R LED's supply additional light in low light conditions

Mfg.: Kocom CA-H34A
Element: 1/3in. Monochrome, CCD
Lens: Fixed 3.6mm F: 1.8

Field of view: 74° Horiz.; 55° Vert.

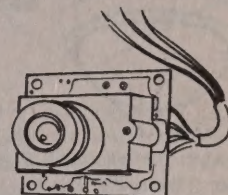
Electronic Iris/shutter:

Auto: 1/60-1/32000 Sec.

Super small board camera with Lens. I/R LEDs allows camera to "see" in the dark. Connects to any monitor or VCR with A/V inputs.

STOCK #	DESCRIPTION	PRICE
7115-ST	Mini Camera with I/R LEDs	\$119.95

1.125" MICRO B/W CAMERA WITH 3.6MM LENS

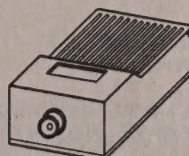


Complete medium resolution Black & White micro camera only 1.125in Sq. All circuitry is in a single CMOS part including the 300H X 240V pixel array. 225 line resolution, EIA composite video out. Features auto exposure, AGC & Gamma correction. Sensitivity is better than 5lux @ f1.3. S/N ratio >45db. 75 ohm output for driving standard cable & monitors. Operates on 8-18VDC (20mA @ 9VDC). 6" wire leads. Comes with 1/3" format 3.6mm lens.

For higher resolution cameras please see our complete line starting on pg. 4

STOCK #	DESCRIPTION	PRICE
8399-ST	Micro B/W Camera	\$65.95

BLACK & WHITE SECURITY CAMERA & POWER SUPPLY



Element: 1/3" silicon CCD sensor
Lens: Fixed
Scanning: EIA 525 lines- 60 fields
Electronic Iris/shutter:

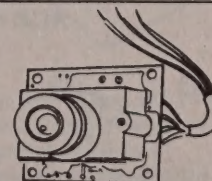
Auto: 1/60-1/10,000

New Mini surveillance camera package. Mini camera comes in a plastic case L: 4.5" W: 2.675" T: 1.675" WT: .8

STOCK #	DESCRIPTION	PRICE
6936-ST	Security Camera	\$110.00

Resolution: 400 H X 504 V
Illumination: Ambient light
Sensitivity: 1 lux. @ F: 1.2
Video output: EIA std. 2/1 interlace 1.0V P/P composite video
Connections: RCA jack for Video & 1/8" phone jack for Power
Power: Plug transformer supplied
Mounting: Standard 1/4-20 threaded insert in bottom.

MICRO B/W CAMERA WITH 6.5MM LENS



Complete medium resolution Black & White camera with 1/3" format 6.5mm lens. One of the smallest available at only 1.125in Sq. All circuitry is in a single CMOS part including the 300H X 240V pixel array. 225 line resolution, EIA composite video out. Features auto exposure, AGC & Gamma correction. Sensitivity is better than 5lux @ f1.3. S/N ratio >45db. 75 ohm output for driving standard cable & monitors. Operates on 8-18VDC (20mA @ 9VDC). 6" wire leads.

STOCK #	DESCRIPTION	PRICE
8645-ST	Micro B/W Camera with 6.5mm Lens	\$65.95

MINI B/W "EYE BALL" CAMERA

Element: 1/3" silicon CCD sensor
 Lens: Fixed 4.3mm F1.8 lens
 View angle: 62.5° horiz. & 46.8° vert.
 Scanning: EIA 525 lines- 60 fields
 Iris/shutter: Auto; 1/100,000 max
 Resolution: 400 H X 500 V (380 lines)
 Illumination: Ambient light
 Sensitivity: 1.2 lux.
 Video output: EIA std. 2/1 interlace
 1.0V P/P composite video

Audio output:
 .5V P/P
 Connections:
 15" cable DIN to RCA
 RCA jacks for Video & Power
 Power: 8-14VDC @ 220mA
 Mounting: Std. 1/4-20 thread insert



Black & White mini camera with 2 way audio. Camera can swivel around in its case allowing you to set its view as needed. Built-in .2W 8 ohm speaker.
W: 2.25" H: 2.25" T: 2.5" WT: .2

STOCK #	DESCRIPTION	PRICE
8263-ST	"Eye-Ball" Security Camera	\$149.95
8259-PD	12V DC Plug-in Supply for "Eye-Ball" Camera	\$12.95

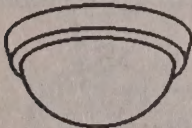
ENCLOSED PIN HOLE BLACK & WHITE SECURITY CAMERA

Mfg.: Kocom
 Element: 1/3" silicon CCD sensor
 Lens: 3.6mm, 92° Field of view
 Scanning: EIA 525 lines-60 fields
 Electronic Iris/shutter:
 Auto; 1/60-1/30,000

Uses Pin Hole lens. Plastic cased camera with metal mounting bracket. Can be connected to any EIA monitor or VCR with A/V inputs.
L: 1.52" W: 1.52" T: .8" WT: .2

Resolution: 420H X 360V
 Illumination: Ambient light
 Sensitivity: 3 lux - F:1.5
 Video output: 75 Ohm, 2/1 interlace
 1.0V P/P composite video
 S/N Ratio: >50dB
 Connection: 7" Video & Power Leads
 Power: 12VDC 100mA REGULATED

STOCK #	DESCRIPTION	PRICE
7935-ST	Enclosed Kocom Pin Hole Camera	\$174.00



SMOKED DOME BLACK & WHITE SECURITY CAMERA

Mfg./Model: Pro-Video CVC185 BC
 Element: 1/3" silicon CCD sensor
 Lens: 3.6mm, 72° Horiz.
 53° Vert. Field of view
 Scanning: EIA 525 lines- 60 fields
 Auto Iris/shutter: 1/60-1/10,000
 Resolution: 400H X 350V
 Smoked dome ceiling mount camera. Connects to any monitor or VCR with A/V inputs. Plug power pac supplied.
Dia: 5.75" H: 2.5" WT: 1.1

Resolution: 400H X 350V
 Illumination: Ambient light
 Sensitivity: .2 lux - F:1.8
 Video output: 75 Ohm, 2/1 interlace
 1.0V P/P composite video
 S/N Ratio: >46dB
 Connections: Video (BNC jack)
 Power (Coaxial Jack)
 Power: 12VDC 200mA
 Mount: Ceiling bracket

STOCK #	DESCRIPTION	PRICE
6991-ST	Smoked Dome Camera	\$259.95

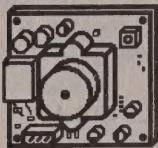


BLACK & WHITE CAMERA WITH AUDIO, LENS & I/R LED

Mfg./Model: Pro-Video CVC300
 Element: 1/3" silicon CCD sensor
 Lens: Fixed 4.3mm
 Scanning: EIA 525 lines- 60 fields
 Auto shutter: 1/60-1/10,000
 Resolution: 400H X 350V
 Sensitivity: .1 lux - F:1.4
 Illumination: Ambient + IR LED
 Connects to any monitor or VCR. Ideal for "Picture-in-Picture" function on TV
L: 1.25" W: 2.25" H: 3.25" WT: 1.6

Video output: 75 Ohm, 2/1 interlace
 1.0V P/P composite video
 Audio output: 300mV @ 600 ohms
 Video S/N Ratio: >45dB
 Connections: 6ft. cable harness with camera connector & RCA jacks for video & audio Coax jack for power.
 Power: 12VDC 100mA
 Mount: 1/4-20 insert on back
Plug power pac & bracket supplied.

STOCK #	DESCRIPTION	PRICE
5917-ST	Camera with Audio and IR	\$199.00



PIN HOLE BLACK & WHITE SECURITY CAMERA

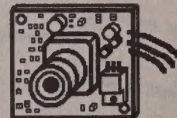
Mfg.: Kocom
 Element: 1/3" silicon CCD sensor
 Lens: 3.6mm, 92° Field of view
 Scanning: EIA 525 lines-60 fields
 Electronic Iris/shutter:
 Auto; 1/60-1/32,000

Resolution: 420H X 360V
 Illumination: Ambient light
 Sensitivity: 3 lux - F:1.5
 Video output: 75 Ohm, 2/1 interlace
 1.0V P/P composite video
 S/N Ratio: >50dB
 Connection: 7" Video & Power Leads
 Power: 12VDC 100mA

Uses Pin Hole lens that can be easily concealed. Self contained camera that can be connected to any EIA monitor or VCR with A/V inputs.
L: 1.5" W: 1.5" T: .7" WT: .2

STOCK #	DESCRIPTION	PRICE
7233-ST	Kocom Pin Hole Camera	\$139.95

BLACK & WHITE MINI SECURITY BOARD CAMERA



Element: 1/3" silicon CCD sensor
 Lens: 3.6mm, 72° Horiz.
 53° Vert. Field of view
 Scanning: EIA 525 lines- 60 fields
 Electronic Iris/shutter:
 Auto; 1/60-1/50,000
 Self contained camera that can be connected to any monitor or VCR.
L: 1.5" W: 1.8" T: 1" WT: .2

Resolution: 400H X 350V
 Illumination: Ambient light
 Sensitivity: .1 lux - F:1.6
 Video output: 75 Ohm, 2/1 interlace
 1.0V P/P composite video
 S/N Ratio: >50dB
 Connections: 6ft. cable
 Video (RCA jack)
 Power (Coaxial Jack)
 Power: 12VDC 150mA

STOCK #	DESCRIPTION	PRICE
6959-ST	Mini Security Camera	\$149.00

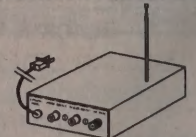
RCA CONNECTORS



WT: .004

STOCK#	FIG	TYPE	DESCRIPTION	PRICE ea-----		
				1	10+	100+
4674-PL	A	Plug	Red Plastic Back	\$0.19	\$0.16	\$0.13
4675-PL	A	Plug	Black Plastic Back	\$0.19	\$0.16	\$0.13
5518-PL	B	Plug	Metal Back	\$0.57	\$0.47	\$0.38
5519-PL	C	Jack	Red Plastic Back	\$0.23	\$0.19	\$0.15
5520-PL	C	Jack	Black Plastic Back	\$0.23	\$0.19	\$0.15
5521-PL	D	Jack	Metal Back	\$0.76	\$0.63	\$0.51
5522-PL	E	Jack	Panel Mount	\$0.41	\$0.34	\$0.27

UHF VIDEO TRANSMITTER



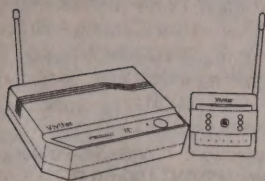
UHF Modulator/transmitter transmits from your VCR or other equipment with Audio/Video outputs to TVs with UHF antenna. Also has RF output "F" connector for in-house cable. Ideal for taking the output of your Camcorder/security camera to a remote TV or VCR.
 115VAC powered
 Transmitter: Max Range: 100ft.
L: 5-1/4" W: 3-3/8" H: 1-1/2" WT: 1.1

Inputs:
 Elect: 1VP/P both audio & Video
 Conn: RCA Females Audio & Video
 Output:
 Elect: RF: <500uV/m @ 30m NTSC
 Rod antenna & "F" connector
 Antenna Imp.: 70 ohms
 "F" conn. Imp: 75 Ohm Nom.
 Channel factory set to 19. User adjustable from 14-26

STOCK #	DESCRIPTION	PRICE
7888-TV	Video Transmitter	\$49.95

WIRELESS B/W SECURITY SYSTEM

VIVITAR SMS-W3 CAMERA & RECEIVER SYSTEM.



System receives clear video & audio up to 120ft. Penetrates most walls, ceilings & floors. Receiver has A/V & RF Outputs on (Ch 3 or 4) connects to any TV or monitor. CCD Camera has 4.3mm/F1.8, 78° viewing angle lens. 6 LEDs to allow use in total darkness.

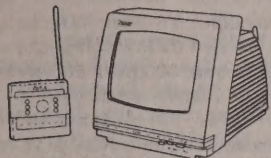
System includes CCD camera, 2 UL power adapters, mounting hardware and RF receiver.

Camera: H: 2.7" W: 2.9" D: 2.1" WT: .6
Receiver: H: 1.8" W: 6.3" D: 4.9" WT: 1.2

STOCK #	DESCRIPTION	PRICE
7824-ST	SMS-W3 Wireless Video System	\$349.00

WIRELESS B/W SECURITY SYSTEM

VIVITAR SMS-W5 CAMERA & MONITOR SYSTEM.



Receives clear video & audio up to 120 ft. Penetrates most walls, ceilings & floors. 5" Monitor has Voice Activated Standby; Auto switch mode allows use of 2 cameras. Turns on when sound is detected by camera microphone. CCD Camera has 4.3mm/F1.8 wide angle lens (78° field of view). 6 LEDs to allow use up to 5ft. in total darkness.

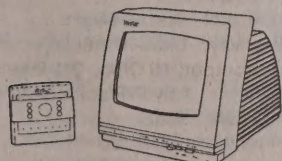
System includes:
1 camera, 5" monitor, power adapter & mounting hardware

Camera: H: 2.7" W: 2.9" D: 2.1" WT: .6
Receiver: H: 6.2" W: 5.4" D: 8.5" WT: 2.8

STOCK #	DESCRIPTION	PRICE
7825-ST	SMS-W5 Wireless Video System	\$299.00
7829-ST	Extra SMC-W501 Camera, Bracket	\$235.00

ECONOMY B/W SECURITY SYSTEM

VIVITAR SMS-5C CAMERA & MONITOR SYSTEM.



5" Monitor supports two cameras CCD Camera has 4.3mm/F1.8 wide angle lens (78° field of view). 6 LEDs to allow use up to 5ft. in total darkness. System includes CCD camera, power adapter, mounting hardware, 60ft cable and 5" monitor.

Camera: H: 2.7" W: 2.9" D: 2.1" WT: .6
Receiver: H: 6.3" W: 6" D: 8.5" WT: 2.8

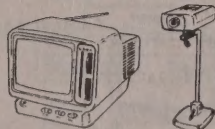
STOCK #	DESCRIPTION	PRICE
7826-ST	SMS-5C Wire Video System	\$319.00
7827-ST	SMC-501C Camera, Bracket, Cable	\$199.00
7828-ST	HC6-100 100ft Cable/Connector	\$39.00

5" BLACK & WHITE SECURITY/TV SYSTEM

Camera:
Element: 1/3" CCD
Lens: 78° wide Angle
62.5° horiz. & 46.8° vert. viewing angle.
Resolution: 400H lines X 420V lines
Sensitivity: <1lux
Video output: 75 Ohm, 2/1 interlace
1.0V P/P composite video

Power: 12VDC 300mA adaptor
Includes camera with built-in microphone, camera stand/bracket, 25ft. cable, 2 AC power adaptors, & 5in monitor. Monitor is VHF/UHF TV and AM/FM radio.

Monitor:
Element: 5.5" Diag. 70° B/W CRT
Resolution: 700 line.
Power: 12VDC 800mA,
AC adaptor or
8 "D" cells (Not included)
TV Channels: VHF: 2-13 UHF: 14-83
Radio: Std. US AM/FM
WT: 6.7



STOCK #	DESCRIPTION	PRICE
7966-ST	Camera & 5" Monitor System	\$199.95

COLOR HOME VIDEO CONFERENCING SYSTEM

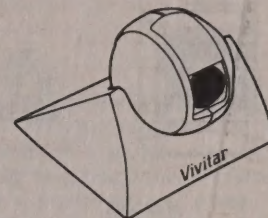
VIVITAR MPP-2 CAMERA SYSTEM.

FOR STANDARD PHONE SYSTEMS

Basic color system for home or small office use. Send color motion video via your modem. Includes hardware and software for P. C. System. Included is Photo Enhancer software from Picture Works to allow you to take still frames & create Bitmapped images for use in desktop publishing

System Requires Both Parties to Have the MPP2 System

Supports "Videolink" standards
Complies with the new H.324 protocols.



Network Compatibility:
Std. phone System (POTS)

Software: Includes Videolink & PhotoEnhancer

System requirements (Min):

Windows™ 3.1 or 95™

Pentium75 Preferred

4Meg RAM for 3.1 (8 Meg for 95)

5Meg Hard Drive Space

16 Bit Sound Blaster Comp. Card

28.8 Modem recommended

Amplified Speakers

Connections:

6ft. of power/audio/video cable between camera & computer

Mounting: Self contained white plastic desktop unit with privacy shield.

Power: Powered from Keyboard port

L: 3" W: 4" T: 4" WT: 1

Element: Color CMOS

Lens: Fixed

Illumination: Ambient

Resolution: 320H X 240V

Frames/Sec.: up to 15

Output: 8 Bit. 256 color Digital RGB.

No capture card required. Connects to P.C. parallel port.

Audio: Half & Full Duplex

microphone Included

STOCK #	DESCRIPTION	PRICE
7830-ST	Color Home Video Phone	\$239.00

NEW

INTERNET

COLOR HOME VIDEO CONFERENCING SYSTEM

VIVITAR MPP-1 VIDEO SYSTEM.

Basic color system for home or small office use. Send color motion video over the Internet via your modem & soundcard. Includes hardware and Video for Windows software. Designed to operate with many of Internet videoconferencing software for P. C. Systems (Not included).

Network Compatibility:

INTERNET

Software: Video for Windows included

3 rd party Videoconferencing software not included

System requirements (Min):

Windows™ 3.1 or 95™

Pentium75 Preferred

4Meg RAM for 3.1 (8 Meg for 95)

5Meg Hard Drive Space

16 Bit Sound Blaster Comp. Card

28.8 Modem recommended

Amplified Speakers

Connections:

6ft. of power/audio/video cable between camera & computer

Mounting: Self contained white plastic desktop unit with privacy shield.

Power: Powered from Keyboard port

L: 3" W: 4" T: 4" WT: 1

Element: Color CMOS

Lens: Fixed 60° wide angle

Illumination: Ambient

Resolution: 320H X 240V

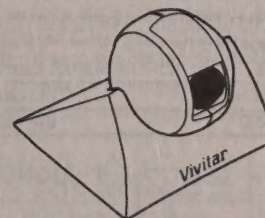
Frames/Sec.: up to 12.5 local mode

Output: 8 Bit. 256 color Digital RGB.

No capture card required. Connects to P.C. parallel port.

Audio: Half & Full Duplex

microphone Included

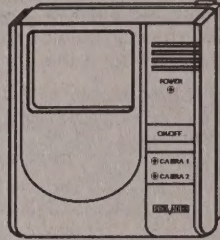
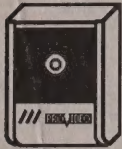


STOCK #	DESCRIPTION	PRICE
8265-ST	INTERNET Color Home Video Phone	\$239.00

B/W CCD CAMERA & MONITOR WITH AUDIO

PRO-VIDEO MODEL VOS-100 CAMERA & MONITOR SYSTEM.

Basic system requires one VM-401W monitor and one CVC-300-O/S camera. Another camera and/or a second monitor may be added. Ideal for monitoring front and back doors with a camera at each door. Put a monitor upstairs and another downstairs for complete coverage. Monitors are interconnected with 6 conductor cable (not supplied)



Camera:

Mfg.: Pro-Video CVC-300-O/S
Element: 1/3in. Black & White, CCD
Lens: Fixed 4.3mm F1.8
Field of view: 74 Deg. Horizontal
55 Deg. Vertical
Auto Iris/shutter 1/60-1/10000 Sec.
Resolution: 400 H X 350 V
Illumination: Ambient light +IR LED s
Sensitivity: .1-20,000 lux.
200-300 lux for best picture
Video output: 75 Ohms
1.0V P/P composite video
EIA standard 525 TV lines
60 fields/sec. 2/1 interlace.
Audio output: 300mV @ 600 ohms
Output connections:
60ft. of power/audio/video
cable with special connec-
tors for camera & monitor
Power: 12VDC 100mA
Supplied from Monitor
Mounting: Standard 1/4"-20 mtg.
hole on back. Supplied
with universal mtg. bracket
Case: White, weather resistant
ABS plastic case.

Camera: H: 3.25" W: 2.25"

Monitor: H: 8.25" W: 6.5" D: 1.25" WT: 1.9

Monitor:

Mfg.: Pro-Video VM401W
Element: 4" Black & White,
flat screen CRT
Built-in Speaker for audio.
Video Switch: Alternate action
Select Camera #1 or #2
LED indicator for selected
camera
Resolution: 450 TV lines
Video input: 75 Ohms 1.0V P/P
EIA composite video
Audio input: 600 ohms
Input connections: Special 4 pin
connectors from camera
cable(s) 2 cameras Max.
Output connections: Terminal
strip (To parallel two monitors)
Controls: Power Switch/LED
Volume Brightness, Contrast
Power: 12VDC 15W Plug supply
powers Monitor & Camera
Mounting:
White plastic desk top stand
and slide in metal wall bracket
Case: White, weather resistant
ABS plastic case.

Monitor: H: 8.25" W: 6.5" D: 1.25" WT: 4.9

STOCK #	DESCRIPTION	PRICE
5932-ST	CVC-300O/S Camera & VM-401W Monitor	\$349.95
5933-ST	CVC-300O/S Camera	\$199.00
5934-ST	VM-401W Monitor	\$159.00



9" MONOCHROME MONITOR

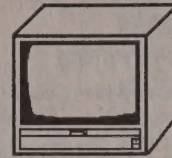
Mfg./Model: Pro-Video VM901B
Element: 9" 90° B/W CRT
Scanning: EIA 15750KHz H
48-62Hz V
Resolution: 1000 lines @ Center
800 lines @ Edge

Rugged black metal cabinet with flip open control cover. LED power Indicator.
UL/CSA Listed.

H: 10" W: 9" D: 10" WT: 15

STOCK #	DESCRIPTION	PRICE
6972-ST	9" Monochrome Monitor	\$139.95

Bandwidth: 100Hz-10MHz
Video input: .5-2.0V P/P composite
video, Sync negative
Impedance: Selectable 75 ohm /Hi
Video Gain: 33dB
Connections: BNC Video jack
Power: 5ft cord
Power: 120VAC 35Watts



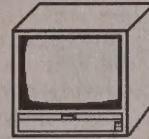
14" COLOR MONITOR

Mfg./Model: Pro-Video VM1401C
Element: 14" 90° Color CRT
Scanning: NTSC 15750KHz H
Resolution: 280 lines
Bandwidth: 4MHz
Rugged black metal cabinet with flip open control cover. LED power Indicator.
UL/CSA Listed.

H: 13" W: 14.2" D: 14.2" WT: 21

STOCK #	DESCRIPTION	PRICE
7580-ST	14" Color CCTV Monitor	\$375.95

Video input: 1V P/P Composite
Dual (Camera A/B) Switch
selectable With loop Thru
Impedance: Selectable 75 ohm /Hi
Video Gain: 30dB
Connections: BNC Video jack
Power: 5ft cord
Power: 120VAC 60 Watts



15" MONOCHROME MONITOR

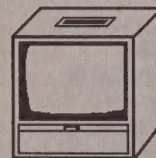
Mfg./Model: Pro-Video VM1501B
Element: 15" 90° B/W CRT
Scanning: EIA 15750KHz H
48-62Hz V
Resolution: 1000 lines @ Center
800 lines @ Edge

Rugged black metal cabinet with flip open control cover. LED power Indicator.
UL/CSA Listed.

H: 12-1/2" W: 14-1/4" D: 13-1/4" WT: 28

STOCK #	DESCRIPTION	PRICE
7581-ST	15" Monochrome Monitor	\$279.95

Bandwidth: 100Hz-10MHz
Video input: .5-2.0V P/P composite
video, Sync negative
Impedance: Selectable 75 ohm /Hi
Video Gain: 33dB
Connections: BNC Video jack
Power: 5ft cord
Power: 120VAC 35Watts



12" MONOCHROME MONITOR

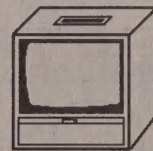
Mfg./Model: Pro-Video VM1201B
Element: 12" 90° B/W CRT
Scanning: EIA 15750KHz H
48-62Hz V
Resolution: 1000 lines @ Center
800 lines @ Edge

Rugged black metal cabinet with flip open control cover. LED power Indicator.
UL/CSA Listed.

H: 12-1/2" W: 12-1/4" D: 12-1/4" WT: 21

STOCK #	DESCRIPTION	PRICE
7582-ST	12" Monochrome Monitor	\$159.95

Bandwidth: 100Hz-10MHz
Video input: .5-2.0V P/P composite
video, Sync negative
Impedance: Selectable 75 ohm /Hi
Video Gain: 33dB
Connections: BNC Video jack
Power: 5ft cord
Power: 120VAC 36Watts



12" MONOCHROME MONITOR WITH AUDIO

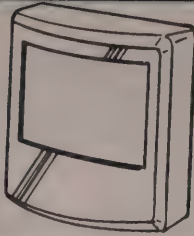
Mfg./Model: Pro-Video VM1205B
Element: 12" 90° B/W CRT
Scanning: EIA 15750KHz H
48-62Hz V
Resolution: 1000 lines @ Center
800 lines @ Edge

Rugged black metal cabinet with flip open control cover. LED power Indicator.
UL/CSA Listed.

H: 12-1/2" W: 12-1/4" D: 12-1/4" WT: 21

STOCK #	DESCRIPTION	PRICE
7583-ST	12" Monochrome Monitor	\$179.95

Bandwidth: 100Hz-10MHz
Video input: .5-2.0V P/P composite
video, Sync negative
Audio input: .3V/P/P 600ohms
Impedance: Selectable 75 ohm /Hi
Video Gain: 33dB
Connections: Video: BNC jack
Audio: RCA jack
Power: 5ft cord
Power: 120VAC 35Watts

PIR MOTION
DETECTORS

Medusa PIR detectors feature style & reliability. Designed & tested to ensure reliable, trouble free operation. Superior immunity to white light, EMI & RFI. **UL Listed**

Specifications All Models

Power: 9-16VDC (17mA typ @ 12VDC)

Alarm Output: NC relay contacts 24VDC 50mA max protected by 180hm series resistor

Tamper Output: NC switch contacts

Alarm Period: 2-3 Sec.

Temp. Tolerance: No false up to 3°F/Min change

Pulse Count: Internal link to select

EMI: No false up 8KV Complies with IEC 801-2

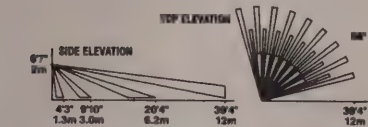
RFI: No false from 150Khz-1Ghz @ 30V/m equivalent to a 270W uniform transmitter @ 10ft. Complies with IEC 801-3

Transient Immunity: No false up to 4KV

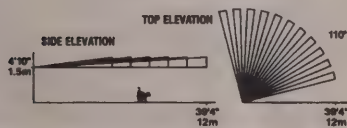
Complies with IEC 801-4

Oper. Temperature: 14°F-131°F

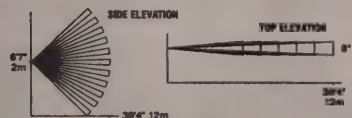
Case: White flame retardant ABS with super white Lens

STANDARD MODEL (VOLUMETRIC)

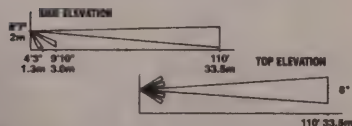
40ft (12m) range; 24 facets with lock-down creep zones; 98° coverage producing a maximum width of 62ft (18.9m).

PET MODEL

40ft (12m) range; 11 facets; 110° coverage producing a maximum width of 62ft (18.9m).

CURTAIN MODEL

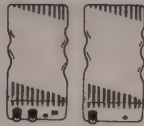
40ft (12m) range; 11 facets; 8° coverage producing a maximum width of 4ft (1.3m).

LONG RANGE MODEL

110ft (33.5m) range; 11 facets with lock-down creep zones; 8° coverage producing a maximum width of 5ft (1.6m).

H: 3" W: 2.6" D: 1.5" WT: .2

STOCK #	DESCRIPTION	PRICE
8738-SC	Volumetric (Std.) PIR	\$24.95
8739-SC	Pet Pattern PIR	\$25.95
8740-SC	Curtain Pattern PIR	\$25.95
8741-SC	Long Range Pattern PIR	\$25.95

**"ezVIEW™" SECURITY CAMERA**

Now you can see and hear and enjoy the confidence that the person at the door is your neighbor not a salesman. With ezView your household wiring replaces cables. You place the Black & White camera just about anywhere near an outlet & connect the ezView Transmitter. Plug in the receiver(s) in the room(s) you have a TV and connect to TV. Ideal for use with portable TV that you can move room to room as you work around the house or shop. Output of receiver is selectable for channel 3 or 4. System includes: ezView transmitter, ezView receiver, 1 coax cable, CCD camera & AC adapter, Camera stand, Camera Cable, A/B cable switch, & instructional video. Extra Receiver(s) sold separately. UL listed.

Indoor use only

See Pg. 140 for more ELCOM Products

WT: 5

STOCK #	DESCRIPTION	PRICE
8863-EZ	ezView Security TV	\$249.95
8864-EZ	Extra ezView Receiver	\$69.95

**PERSONAL PIR ALARM SET**

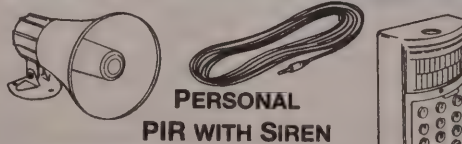
Personal security set features PIR detector, 2 self contained glass break detectors & 2 self contained Mag door/window alarms. Glass break & Mag switch operate independently of PIR. **PIR:** Covers area up to 2000 sq ft. with 110° X 60ft pattern. Uses from 9V battery or 12V plug Pac (not supplied). Programmable 12 bit (max) security code. Lo battery indicator, Intrusion LED, Arm LED, 10 sec. entry delay. Panic button for emergency. Select 110db alarm or chime when motion is detected. Auto reset after 1min. 5-1/2" X 3-1/8" X 2-1/8"

Mag switches: have internal 80db alarm, on/off switch. Attach to door or window with double side tape. 1/4" movement sounds alarm. Use 2 watch type G13A cells. Sound as long as mag is removed. 2-1/2" X 1-1/4" X 3/4"

Glass break detectors: have 100db alarm & on/off switch. Attach by adhesive warning label. Vibration/breakage sensitive. Use 2 watch type G13A cells. Sound until turned off. 2-1/4" X 3/4" Octagon.

WT: 1.3

STOCK #	DESCRIPTION	PRICE
8868-SC	Personal Security Sys	\$29.95

**PERSONAL
PIR WITH SIREN**

Personal security set features PIR detector with 110db 5" horn siren.

PIR: All the same features as the PIR in 8868-SC shown above. Set comes with PIR, 12VDC Power pack, 110db horn siren & 50ft of interconnecting cable.

WT: 3

STOCK #	DESCRIPTION	PRICE
8869-SC	PIR with Siren Sys	\$29.95

**ENCODED MINI RECEIVERS
& TRANSMITTERS**

Ming Microsystems encoded Transmitters & receivers for use in security & remote control systems. Products provide many options in your application. 12 bits of data transmitted when power applied. First 8 bits provide security codes while the other 4 bits are used for various user control functions. Operate at 300MHz using Super-regenerative AM. Transmitters operate on 12V DC, receiver operates at 7-12VDC

**KEY CHAIN
TRANSMITTER**

Uses 12V camera battery. Range is 75-100ft. Pressing either of the 2 buttons causes "Transmit" LED to light & transmission of 8 security code bits (256 codes that you set by cutting traces on board) plus Data code. Button 1 when received causes: "Valid ID" relay contact to closes; a latched +5VDC on Data line 4; and Data line 3 goes low. Button 2 causes; "Valid ID" relay contact to close; a latched +5VDC on Data line 3; Data line 4 goes low.

L: 2" W: 1-3/8" H: 1/2" WT: .2

STOCK #	DESCRIPTION	PRICE
5713-MI	Key Chain Transmitter	\$15.95

**PC BOARD
TRANSMITTER**

Range is 75-100ft but can be extended with external antenna. DIP switch sets 8 security code bits (256 codes). 4 external user Data bits also available. Applying power causes transmission that activates receiver which provides: "Valid ID" relay contact closure & latched +5VDC on Data lines corresponding to user Data bits sent by Xmitter.

L: 2-1/2" W: 1-1/2" H: 1/2" WT: .2

STOCK #	DESCRIPTION	PRICE
5864-MI	PC Board Transmitter	\$15.95

**PC BOARD
RECEIVER**

Provision for external antenna. DIP switches sets security code comparison bits. 4 external user Data bits available (dependent on Transmitter). Receipt of RF activates receiver which provides: "Valid ID" relay contact closure & latched data on Data lines corresponding to user Data bits sent by Xmitter.

L: 4-1/4" W: 2-1/2" H: 5/8" WT: .2

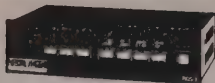
STOCK #	DESCRIPTION	PRICE
5715-MI	PC Board Receiver	\$21.95

**SPECIAL DEAL !!**

**BUY ALL 3 MING BOARDS FOR ONE
DISCOUNT PRICE**

WT: .5

STOCK #	DESCRIPTION	PRICE
5716-MI	All 3 MING Boards	\$49.95



4 INPUT SCREEN SPLITTER & VIDEO COMPRESSOR

Mfg.: Pro-Video
Model: RSQ-2
Impedance: 75 ohm
Input: 1.0V P/P Composite Video
Switched Output: 1.0V P/P Full Screen or Quad Screen
Frame Memory: 512 X 512 X 256 Gray Scale
Allows you to put up to 4 cameras on one monitor at the same time.

Alarm Input: 1 per camera NC or NO
Alarm Time: 1-30Sec
Alarm Out: TTL level to External devices (VCR or Alarm Sys.)
Video Gain: Unity
Connections: Video: BNC
Switching Interval: .5-30 Seconds
Power: 120VAC 55 Watts
Modes: Full Screen, Sequencing, Freeze Frame.

For Black & White Cameras Only.

W: 12.25" H: 1.75" D: 9.5" WT: 5

STOCK #	DESCRIPTION	PRICE
7592-ST	Quad Video Compressor	\$459.95



ECONOMY MONITOR WALL MOUNTING BRACKETS

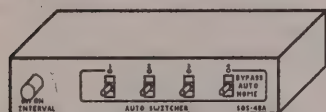
Single arm, tempered steel brackets. Space saving, contemporary design that swivels and tilts for easy viewing. Arm & Base rotates up to 90° either side of center. Supports up to 66lbs. Fixed 15° Tilt angle. Safety strap & Non Skid Pads on base.

W: 12" min-17" Max

D: 17" Max

Wt: 10

STOCK #	DESCRIPTION	PRICE
7585-ST	Black Single Arm Monitor Bracket	\$69.95
7586-ST	White Single Arm Monitor Bracket	\$69.95



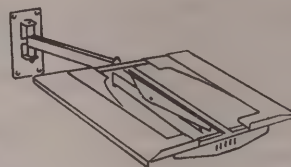
SEQUENTIAL VIDEO SWITCHERS

Mfg.: Pro-Video
Impedance: 75 ohm
Isolation in-out: >40dB @ 10MHz
Crosstalk: <-40dB @ 10MHz
Bandwidth: <1Hz to >10MHz -3dB
Tilt: <1°
Rugged metal cabinet. LED source Indicator. 3 modes; Auto, Manual, Home

Phase: better than 3° to 10MHz
Hum/Noise: <-55dB
Video Gain: Unity
Connections: Video BNC
Audio RCA jacks (6984 only)
Switching Interval: .5-30 Seconds
Power: 120VAC 6 Watts

W: 12.25" H: 1.75" D: 9.5" WT: 5.2

STOCK #	DESCRIPTION	PRICE
6983-ST	4 Input Switcher NO Audio	\$119.95
6984-ST	4 Input Switcher with Audio	\$149.95
6985-ST	8 Input Switcher NO Audio	\$129.95



CCTV MONITOR/TV WALL MOUNTING BRACKETS

Double arm, tempered steel brackets. Space saving, contemporary design that swivels and tilts for easy viewing. Arm & Base rotates up to 90° either side of center. Supports up to 66lbs. Fixed 15° Tilt angle. Safety strap & Non Skid Pads on base.

W: 12" min-17" Max

D: 26" Max (Arm Extended)

Wt: 11

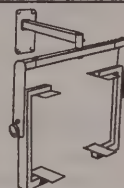
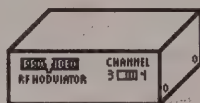
STOCK #	DESCRIPTION	PRICE
7587-ST	Black Double Arm Monitor Bracket	\$75.95
7588-ST	White Double Arm Monitor Bracket	\$75.95

VHF MODULATOR

Mfg./Model: Pro-Video RFM-1
Output Channel: Switch select 3 or 4
Power: 120VAC 60Hz. 2W
Connections: Video In: RCA jack
Audio In: RCA jack
Video Out: Type "F" jack
Input Video: Composite video
Input Audio: 600 Ohm Line
Takes Video and audio from CCTV/security camera, etc & outputs a VHF signal on channel 3 or 4. UL listed.

L: 4.75" W: 3.25" H: 1.5" WT: 1

STOCK #	DESCRIPTION	PRICE
6486-ST	Video Modulator	\$39.95



HEAVY DUTY MONITOR MOUNTING BRACKETS

Made of tempered steel. Supports up to 110lb TV/Monitor. Clamp type bracket rotates 360°. Up to 30° Tilt angle. Non Slip Pads on clamps. TV/Monitor Width: 14" Min - 29" Max. Depth: 21" Max. Black finish.

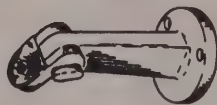
Type A: Wall mount single arm bracket; Arm rotates up to 90° either side of center
Type B: Ceiling Mount. Arm extends 16-20" down from ceiling; 360° rotation

Wt: 28

STOCK #	DESCRIPTION	PRICE
7589-ST	Type A Heavy Duty Wall Mountor Bracket	\$139.95
7590-ST	Type B Heavy Duty Ceiling Monitor Bracket	\$139.95



A



B

CCTV CAMERA MOUNTING BRACKETS

5 in. high, Pro-Video single arm, ceiling or wall mount camera brackets. Arm rotates in base and head tilts. 1/4-20 stud matches most CCTV camera inserts

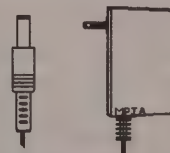
A: Black with Plastic base/Steel arm

WT: .37

B: Plastic base/arm

WT: .56

STOCK #	DESCRIPTION	PRICE
7475-MI	Type A Wall Bracket	\$11.95
7476-MI	Type B Wall Bracket Almond	\$14.95
8604-MI	Type B Wall Bracket Black	\$14.95



PLUG POWER PACKS

Plug supplies for use with CCTV board cameras and enclosed cameras. Check camera specifications for correct power requirements. Some Cameras do not have Connectors for power only wire leads. In such cases you should acquire a coaxial power connector or remove the connector from power pac.

BE SURE TO OBSERVE CORRECT POLARITY WHEN CONNECTING

Wt: .4

STOCK #	DESCRIPTION	PRICE
7595-PA	24VAC 20VA Camera Plug Transformer	\$7.95
7596-PD	12VDC 200mA Coaxial Plug/center +	\$6.95

POWER SUPPLIES

FAX-BACK #10

POWER SUPPLY QUICK GUIDE

Stock #	Output Voltage/Amps					Type	-Dimensions (in)-			Weight Lbs.	MFG.	Pg
	#1	#2	#3	#4	#5		L	W	T			
7685-PS	5/200	-	-	-	-	Sw	11	8	5	18	Pioneer Mag.	21
4343-PS	5/100	-	-	-	-	Sw	15	7-1/2	3	11.5	Sierracin	21
8335-PS	5/100	-	-	-	-	Sw	11-3/4	5-1/2	5	11.4	Todd	21
4683-PS	5/70	-	-	-	-	Sw	10	5-1/2	4-7/8	13.5	Lambda	21
4508-PS	5/70	-	-	-	-	Sw	9-3/4	6	5-1/8	9.5	Keppo/TDK	21
7737-PS	5/30	-	-	-	-	Sw	8-5/8	3-3/4	2-1/2	2	Elco	21
3946-PS	5/25	-	-	-	-	Sw	9-1/4	4-3/4	2	2.5	Used Sola	21
6510-PS	5/20	-	-	-	-	Sw	10	3-1/16	3-7/8	2.4	Lambda	21
8081-PS	5/20	-	-	-	-	Sw	8-3/4	3-1/2	5-1/8	4.9	Sorensen	21
7373-PS	5/20	-	-	-	-	Sw	8-1/4	4	3-1/2	4	Kyosan	21
7331-PS	5/12	-	-	-	-	Lin	9	4-7/8	3-1/2	7.2	Power-One	22
7739-PS	5/10	-	-	-	-	Sw	7	3-7/8	1-1/2	1	Elco	22
8337-PS	5/9	-	-	-	-	Lin	7	4-7/8	3-1/4	6.8	Power-One	22
6495-PS	5/8	-	-	-	-	Sw	7-9/16	5-1/4	2-1/4	.57	Power General	22
4055-PS	5/6	-	-	-	-	Lin	5-3/4	4-7/8	3	8	Comp. Prod.	22
3751-PS	5/6	-	-	-	-	Lin	5-5/8	5	2-7/8	4.1	Power Mate	22
5344-PS	5/6	-	-	-	-	Sw	6-1/2	4-5/8	2	1.2	Comp. Prod.	22
7216-PS	5/3	-	-	-	-	Lin	4-7/8	4	2	2	Viking	22
7311-PS	5/3	-	-	-	-	Lin	4-7/8	4	2	2.2	Condor	22
5326-PS	9/1.7	-	-	-	-	Lin	4-7/8	4	2-1/4	2.3	Power-One	25
5295-PS	12/3	-	-	-	-	Sw	5	3	2	.6	Power Gen.	25
7768-PS	12/9	-	-	-	-	Sw	3-5/8	2-7/8	7/8	.3	Volgen	17
5552-PS	12/1.25	-	-	-	-	Sw	6-7/8	3-7/8	1-3/4	1	Comp. Prod.	25
8618-PS	12/6.8	-	-	-	-	Lin	9	4-7/8	3-1/4	7.5	Acme	25
7908-PS	13.6/1.9	-	-	-	-	Sw	5	2-1/2	1-1/2	.9	Lexmark	26
7719-PS	15/1.33	-	-	-	-	Sw	4-5/8	2-1/4	1-5/8	.7	Zeos	26
7773-PS	15/3A	-	-	-	-	Sw	7-5/8	3-5/8	1-1/2	1.3	Volgen	17
7953-PS	15/3.3	-	-	-	-	Sw	7-1/8	3-3/4	1-1/8	1.2	Tamura	26
6960-PS	15/4.3	-	-	-	-	Sw	6	3-1/2	1-3/4	.7	Skynet	26
8343-PS	20/4	-	-	-	-	Lin	7	4-7/8	3-1/8	7.9	Deltrol	26
5329-PS	24/2	-	-	-	-	Lin	8-1/2	4-3/4	3	5.5	Emco	20
5831-PS	24/4	-	-	-	-	Lin	8-1/2	6-3/4	4-1/2	9.1	Emco	20
7655-PS	48/1	-	-	-	-	Lin	5-5/8	4-7/8	3	4	Power-One	26
8066-PS	+5/6	-5/6	-	-	-	Lin	9-1/2	4-7/8	3-3/8	6.8	Power-One	22
4779-PS	+5/1.5	-5/1.5	-	-	-	Lin	6-1/2	4	2	2.6	Power-One	22
4128-PS	5/2	18-24/3	-	-	-	Lin	6-1/2	4	2	2	Condor	22
6469-PS	+5/5	+12/5	-	-	-	Lin	4	2-9/16	2	1.7	Sigma	22
7063-PS	+5/2	+12/1.5	-	-	-	Sw	5	2-3/4	1-1/4	.4	Skynet	22
7524-PS	+5/3	+12/2	-	-	-	Sw	5	4	1-1/2	.7	Skynet	23
7772-PS	+5/3	+12/1.2	-	-	-	Sw	6-1/8	3-5/8	1-1/2	1.1	Volgen	17
6664-PS	+5/7	+12/5	-	-	-	Lin	3-1/2	3-3/8	2	1.3	--	22
7654-PS	5/6	12/12	-	-	-	Sw	11	5	2-1/2	3.8	LH	22
4733-PS	+5/1.6	+15/2	-	-	-	Lin	6-1/2	4-1/2	2-3/4	3.2	Serracin	26
8320-PS	+5/1.25	+24/1.5	-	-	-	Sw	6-1/4	4	1-3/4	1	Hitron	23
5669-PS	14/0.2	24/3	-	-	-	Lin	2-3/4	1-3/8	1-1/4	.3	FIX	25
7656-PS	+15/25	-15/25	-	-	-	Lin	3-3/4	3	2	1.1	Power-One	26
7362-PS	15/2.7	15/1	-	-	-	Sw	7-3/4	4-3/4	2-3/4	.3	LH Research	26
4913-PS	5.1/5	12/35	24/3.5	-	-	Lin	6-3/4	4-3/4	2	2	Fenwal	23
8619-PS	5/6	+12/1	-12/1	-	-	Lin	9	4-7/8	3-1/4	7.5	Power-One	23
8699-PS	+5/5	+12/3	-12/3	-	-	Sw	5	3	1-1/2	.51	Astec	23
7940-PS	+5/5	+12/1	-12/5	-	-	Sw	6-1/4	3-1/2	2	1.3	--	24
7765-PS	+5/2	+12/3	-12/3	-	-	Sw	5-1/2	3-7/8	1-1/2	.9	Volgen	17
8701-PS	+5/2.2	+12/1.2	-12/1	-	-	Sw	6-3/4	4	1-1/8	.6	Keppo	24
8702-PS	+5.1/3	+12.5/75	+33/0.2	-	-	Sw	4	2-3/16	1-1/2	.3	SGS-Thomson	24
7721-PS	+5/3	+12/2	-12/5	-	-	Sw	5	3	1-3/4	.6	Power General	23
7395-PS	+5/2.5	+12/2	-12/2	-	-	Sw	6-1/4	4	1-3/4	1	Computer Prod.	23
4392-PS	+5/6	+12/5	-5/1	-	-	Sw	8-1/4	4	2-1/4	2.2	L-Com	20
4642-PS	+5/3	+24/6	-24/6	-	-	Sw	8-1/4	4	2-1/4	2.2	L-Com	20
5875-PS	+5/4	+12/2	-12/5	-	-	Sw	6-1/4	4	2	1	Delta	23
7767-PS	5/8	+12/2.5	-12/1	-	-	Sw	9-7/8	4	1-7/8	2.1	Volgen	17
6478-PS	+5/2.3	+12/1	-12/0.4	-	-	Sw	8	3	2-3/4	1.2	Tandy	23
6404-PS	+5/2.5	+12/2	-12/1	-	-	Sw	6-1/4	4	1-3/4	.1	ACDC	23
7766-PS	+5/2	+15/3	-15/3	-	-	Sw	5-1/2	3-7/8	1-1/2	.9	Volgen	17
7771-PS	+5/2.5	+15/3	-15/3	-	-	Sw	5-1/4	3-1/8	1-1/8	.6	Volgen	17
4159-PS	+12/2	+5/4	-12/45	-	-	Sw	7	4-7/8	2-1/2	1.2	Astec	23
8662-PS	+5/2.5	+12/5	-12/5	-5/5	-	Sw	5-3/4	3-3/4	1-1/4	.7	Valor	23
7488-PS	+5/6	+12/2.5	5/5	12/5	-	Sw	7-3/4	4-1/4	2	1.3	Astec	24
7394-PS	+5/6	+12/1.5	+12/2.1	-12/25	-	Sw	7-7/8	4-1/4	1-7/8	1.2	Astic	24
7384-PS	+5/7.5	+12/1.5	-12/3	-5/1	-	Sw	6-3/4	4-1/2	2-1/2	1.9	High Power	28
6982-PS	+5/5	+12/5	-12/3	-5/1	-	Sw	8-1/2	4-3/4	2-1/8	2.4	GSK	28
6526-PS	+5/6	+12/2.1	+12/1.5	-12/25	-	Sw	7-3/4	4-1/4	2	1.2	Astec	24
6892-PS	+5/20	+12/2.9	-12/4	-5/4	-	Sw	9-1/2	4-3/4	2-3/4	4.4	Astec	28
6974-PS	+5/24	+12/4	-12/4	-5/4	-	Sw	6-7/8	6-1/4	3-7/8	4.6	Astec	28
4561-PS	+5.1/8	+13.5/3.5	-12/1	-5/7	-	Sw	7-3/4	4-1/4	2	1.4	Astec	24
4029-PS	+5/8	+24/2	+12/1	-12/5	-	Sw	7-3/4	4-1/4	2	1.8	Total Pow.	24
4666-PS	+5/4	+12/1.1	-5/4	-12/35	-	Sw	8-5/8	4-1/4	3	2.2	Fuji	24
5544-PS	+5/4	-5/2	+12/3	-12/8	-	Sw	6-7/8	3-7/8	1-3/4	.9	RFNE Condor	24
4489-PS	+5/7	+24/1.5	-5/5	+12/2	-	Sw	7-3/4	4-1/4	2-1/4	1.9	Matsushita	25
4848-PS	+5/20	+15/4	-15/4	-5/5	-	Sw	10	5-5/8	2-1/2	3.6	Kyosan	24
4833-PS	+5/15	-5/5	+15/4	-15/3	-	Sw	10-1/2	4-7/8	2-1/2	4	Kyosan	25
7474-PS	+5/25	15/3.5	15/5	+12/8	+12/1.5	Sw	14-3/4	5	2-3/4	6.2	Unipower	25
7687-PS	+5/5	+12/3.5	+20/5	-20/5	7VAC	Lin	12-1/2	5	3-1/2	8.2	Power-1	25

TECH. & INFO:

CALL 561-848-8236

FAX 561-844-8764

13

POWER SUPPLIES

+15V DC/DC CONVERTER

MFG: COMPUTER PROD.
P/N: A05D15/150Z
Input: 5V DC

Outputs #1: +15V @ .150A #2: -15V @ .150A

Specifications/Features:

.07% line, .07% load reg. 40mV P/P ripple. 500 VDC isolation. Short circuit protected. PI input filter. Shielded

L: 2" W: 2" H: 3/8" WT: .15

STOCK #	DESCRIPTION	PRICE
8348-PS	5V to +15V Converter	\$5.95



26V DC/DC CONVERTER

MFG: TDK
P/N: CE-0214
Input: 4.5-5.5 VDC

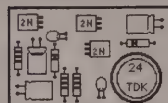
Output #1: +26V @ 2-12 mA
#2: 3 VAC @ 22 mA

Specifications/Features:

PC mount converter for vacuum fluorescent type converters.

L: 1-1/2" W: 1" H: 3/8" WT: .02

STOCK #	DESCRIPTION	PRICE
1934-PS	5V to 26V Converter	\$2.50



12V DC/DC CONVERTER

MFG: RELIABILITY
P/N: V5R12

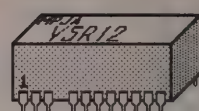
Input: 5 VDC
Output #1: 12V @ 80mA

Specifications/Features:

New, 10³ Meg Ohms in/out isolation, 1% load / .5% line reg. 24 pin DIP

L: 1.27" W: .6" H: .4" WT: .02

STOCK #	DESCRIPTION	PRICE
4493-PS	5V to 12V Converter	\$6.95



+5 & +15V DC/DC CONVERTER

MFG: ANALOG SOL.
P/N: 450-0090-02
Input: -24V DC

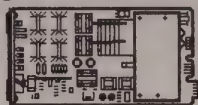
Output #1: +5V @ 25.3A
#2: +15V @ 1.4A #3: -15V @ 1.1A

Specifications/Features:

NO DATA on this unit. PC board fingers for Input and Output. Front panel power switch and test points.

L: 12-1/4" T: 3-1/2" H: 8-3/8" WT: 4.8

STOCK #	DESCRIPTION	PRICE
6471-PS	3 Output Converter	\$5.00



5V DC/DC CONVERTER

MFG: RELIABILITY
P/N: V12R5

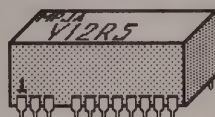
Input: 12 VDC
Output #1: 5V @ 100mA

Specifications/Features:

New, 10³ Meg Ohms in/out isolation, 1% load / .5% line reg. 24 pin DIP

L: 1.27" W: .6" H: .4" WT: .02

STOCK #	DESCRIPTION	PRICE
7352-PS	12V to 5V Converter	\$4.95



LAN DC/DC CONVERTER

MFG: RELIABILITY
P/N: 2E12R9

Input: 10.2-15.7 (12) VDC
Output : -9V @ 100mA

Specifications/Features:

For LAN network chips. 10³ Meg Ohms & 2500V in/out isolation, 50mV line reg., short circuit protected, PC mount. IEEE 802.3 & FCC Sec 15/J standards.

L: 1-1/4" W: 1-1/4" H: 3/8" WT: .06

STOCK #	DESCRIPTION	PRICE
4511-PS	LAN Converter	\$6.95



5V/10A DC/DC CONVERTER

MFG: ANALOG SOLUTIONS
P/N: 450-0721-01

Input: -20 to -56 VDC
Output: +5V @ 10A

Specifications/Features:

Plug-in P.C. board switching conv. Needs 32 pin (2 X 16) connector with .156" Spacing NOT SUPPLIED. Front panel power switch & LED.

L: 11-3/4" T: 2" H: 3-15/16" WT: 1.5

STOCK #	DESCRIPTION	PRICE
5502-PS	5V @ 10A Converter	\$9.95



+/-5V DC/DC CONVERTER

MFG: WALL
P/N: LD45-500

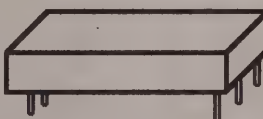
Input: 24V DC
Outputs: #1: +5V @ 500mA #2: -5V @ 500mA

Specifications/Features:

.05% line, .2% load reg. 100mV P/P ripple Max. 500 VDC isolation. Short circuit protected. PI input filter. Shielded case.

L: 2" W: 2" H: 3/8" WT: .15

STOCK #	DESCRIPTION	PRICE
7355-PS	24V to +/-5V Converter	\$5.95



5V 1A DC/DC CONVERTER

MFG: COMPUTER PROD.
P/N: PM921

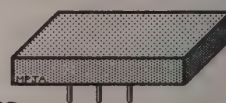
Input: 24V DC
Output #1: 5V @ 1A

Specifications/Features:

.02% line, .04% load reg. 50mV P/P ripple. 500 VDC isolation. Short circuit protected. PI input filter. Shielded

L: 2" W: 2" H: 3/8" WT: .15

STOCK #	DESCRIPTION	PRICE
4826-PS	24V to 5V @ 1A Converter	\$5.95



LAPTOP POWER SUPPLY

MFG: ASTEC
P/N: AA90304

Input AC Adapter: 18V DC +/-5V
Input Ni-Cad Battery: 11-16V

Output #1: 5V @ 3.5A #2: +12V @ 1.1A
#3: -12V @ 40mA #4: -26V @ 40mA
#5: -5V @ 40mA

Inputs for AC adapter & Ni-Cad battery. 3 way charger provides 11-16V @ 1.7-2A (Rapid), .5-.7A (Quick), 50mA-150mA (Trickle). 2 battery temp. sense leads. Logic outputs: POK (outputs in reg.), Bat. L1 (Hi when battery <11.75V), Bat. L2 (Hi when battery <11.30V), Bat. in Use, Bat. Full. Logic inputs: Power Disable (Hi turns off converter) Sw1 & 2 low level signal used to control converter.

L: 4-3/4" W: 1-3/4" H: 3/4" WT: .25

STOCK #	DESCRIPTION	PRICE EA
		1 10
4786-PS	Laptop Supply	\$14.95 \$9.95

12V DC/DC CONVERTER

MFG: STEVENS/ARNOLD.
P/N: F05S12/500Z

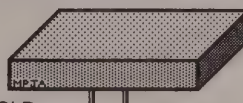
Input: 5V DC
Output : 12V @ .5A

Specifications/Features:

.1% line/load reg. 40mV P/P ripple. 500 VDC isolation. Short circuit protected. PI input filter. Shielded

L: 2" W: 2" H: 3/8" WT: .12

STOCK #	DESCRIPTION	PRICE
6363-PS	5V to 12V @ .5A Converter	\$4.95



5V 3.2A DC/DC CONVERTER

MFG: CONVERSION DEV.
P/N: 1605S24

Input: 24V DC (18-36)
Output: 5V @ 3.2A

Specifications/Features:

.5% line, .2% load reg. 50mV P/P ripple. 500 VDC isolation. Short circuit protected. PI input filter. Shielded

L: 2" W: 2" H: 3/8" WT: .15

STOCK #	DESCRIPTION	PRICE
8686-PS	24V to 5V/3.2A Converter	\$6.95



5V 8A DC/DC CONVERTER

MFG: COMPUTER PRODUCTS

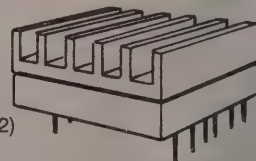
Input: 48V DC (36-72)
Output: 5V @ 8A

Specifications/Features:

2% line/load reg. 100mV P/P ripple. 500 VAC isolation. Short circuit protected. Requires 220uF/100VDC filter cap on input. Shielded. Remote turn off, output Trim.

L: 2" W: 2" H: 1/8" WT: .3

STOCK #	DESCRIPTION	PRICE
8698-PS	48V to 5V/8A Converter	\$6.95



**CREDIT CARD-COD
ORDERS TAKEN BY PHONE
9:00 AM - 4:30 PM (EASTERN)
MONDAY - FRIDAY
CALL**

561-848-8236

ORDERS ONLY

CALL

1-800-652-6733

POWER SUPPLIES

-9V LAN DC/DC CONVERTER

MFG: VALOR
P/N: PM7002
Input: 5 VDC
Output: -9V @ 200mA

Specifications/Features:
5% Regulation, Shielded, 500V isolation. 24 pin DIP
L: 1-5/16" W: 5/8" H: 1/2" WT: .03

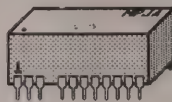


STOCK #	DESCRIPTION	PRICE
7833-PS	9V Valor Converter	\$4.95

-9V LAN DC/DC CONVERTER

MFG: HALO
P/N: DCU0-1209D
Input: 12 VDC
Output: -9V @ 200mA

Specifications/Features:
5% Regulation, Shielded, 500V isolation. 24 pin DIP
L: 1-5/16" W: 5/8" H: 1/2" WT: .03



STOCK #	DESCRIPTION	PRICE
7835-PS	9V Converter	\$4.50

TRIPLE DC/DC CONVERTER

MFG: KYOSAN
P/N: KDT010FJ24
Input: 5V DC
Output #1: +12V #2: -12V #3: -5V

Specifications/Features:
NO SPECS. on this unit at this time. Reset & Power Fail outputs. Short circuit protected. Shielded case.
L: 2-3/8" W: 2-3/8" H: 3/4" WT: .2



STOCK #	DESCRIPTION	PRICE
8334-PS	Kyosan DC/DC Converter	\$5.95

5V 1A DC/DC CONVERTER

MFG: UNIVERSAL MICRO.
P/N: UM411
Input: 24V DC
Output #1: 5V @ 1A

Specifications/Features:
.02% line, .04% load reg. 50mV P/P ripple. 500 VDC isolation. Short circuit protected. PI input filter. Shielded
L: 2" W: 2" H: 3/8" WT: .15



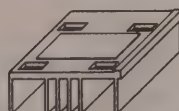
STOCK #	DESCRIPTION	PRICE
8622-PS	24V to 5V @ 1A Converter	\$5.95

DC/DC CONVERTER HEATSINK

Heatsink for 2" X 2" X 3/8" DC/DC converter modules. Spring clip holds module to sink. Peel-N-stick insulator pad to hold module and provide for heat transfer.

L: 3-5/16" W: 2-3/8" H: 1" WT: .3

STOCK #	DESCRIPTION	PRICE
7893-HS	Converter Heatsink	\$2.95



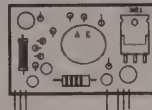
+/-5V D C/DC CONVERTER

MFG: TDK
P/N: 1042518
Input: 4-6 VDC
Output #1: +5V @ 240 ma
#2: -5V @ 70 mA

Specifications/Features:
2 control pins for output, "ON" over-rides "OFF", with data.

L: 2-1/16" W: 1-5/16" H: 3/4" WT: .05

STOCK #	DESCRIPTION	PRICE
2308-PS	+/-5V Converter	\$1.00



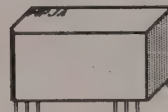
5V DC/DC CONVERTER

MFG: POWER GEN.
P/N: 421
Input: 5 VDC
Output: 5V @ 250mA

Specifications/Features:
Shielded, 300V isolation, .1% load/line reg. 20mV P/P noise. 24 pin DIP

L: 1-1/4" W: 3/4" H: 3/4" WT: .07

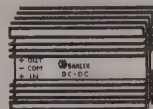
STOCK #	DESCRIPTION	PRICE
6379-PS	Isolated Converter	\$6.95



24V TO 12V DC/DC CONVERTER

MFG: SAMLEX
P/N: SCP-160
Input: 24V DC
Output: 12V @ 8A

Specifications/Features:
8A cont., 10A surge. Over Voltage, Short Circuit & Thermal Overload protected. Extruded Metal Case. Allows Use 12V DC Auto Accessories, and Equipment on 24V Systems. .250" Quick Connect Terminals
L: 7.9" W: 4.9" H: 2.5" WT: 2.7



STOCK #	DESCRIPTION	PRICE
8600-PS	8Amp DC-DC Converter	\$29.95

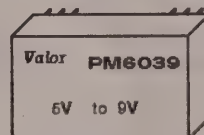
9V DC/DC LAN CONVERTER

MFG: VALOR
P/N: PM6039
Input: 5V DC
Output: 9V @ 200mA

Specifications/Features:
Converter used to power LAN systems. 500V isolation, 200mV ripple. Short circuit protected.

L: 1-5/16" W: 13/16" H: 7/16" WT: .04

STOCK #	DESCRIPTION	PRICE
7821-PS	5V to 9V LAN Converter	\$4.95

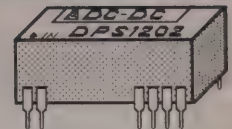


9V LAN DC/DC CONVERTER

MFG: DELTA
P/N: DPS1202G
Input: 12 VDC
Output: 9V @ 200mA

Specifications/Features:
Shielded, 500V isolation. 24 pin DIP
L: 1-5/16" W: 5/8" H: 1/2" WT: .03

STOCK #	DESCRIPTION	PRICE
7434-PS	9V Converter	\$4.95



+/-15V DC/DC CONVERTER

MFG: INT. PWR DEVICES
P/N: DRD2415
Input: 24V DC
Output #1: +15V @ 65mA #2: -15V @ 65mA

Specifications/Features:
Regulated, .3% line, .5% load reg. 40mV P/P ripple. 500 VDC isolation. Short circuit protected. PI input filter. Shielded

L: 2" W: 1" H: 3/8" WT: .08

STOCK #	DESCRIPTION	PRICE
6337-PS	24V to +/-15V Converter	\$4.95

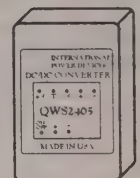


5V DC/DC CONVERTER

MFG: INT. PWR DEVICES
P/N: QWS2405
Input: 9-36VDC (24V DC nom)
Output: 5V @ 5A

Specifications/Features:
Regulated, .5% line/load reg. 75mV P/P ripple. 500 VDC isolation. Short circuit protected. PI input filter. Shielded. Remote sense, Remote On/Off
L: 4.56" W: 2.56" H: .83" WT: .8

STOCK #	DESCRIPTION	PRICE
8783-PS	24V to 5V Converter	\$12.95



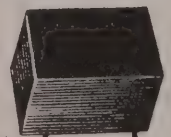
30V DC/DC CONVERTER

MFG: TECTROL
P/N: SP-215
Input: 6VDC
Output: #1: +30V @ .25A
#2: 3.7VAC (CT)

Specifications/Features:
PC mount, converter for vacuum fluorescent type displays.

L: 2" W: 2" H: 1-1/4" WT: .6

STOCK #	DESCRIPTION	PRICE
3297-PS	6V to 30V Converter	\$3.75



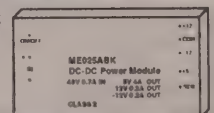
+5 & +/-12V DC/DC CONVERTER

MFG: ATT
P/N: ME025ABK
Input: 48V DC (40-60)
Output #1: +5V @ 4A #2: +12V @ .2A
#3: -12V @ .2A

Specifications/Features:
.05% load/.01% line regulation. Over voltage & current protected. 500V isolation.

L: 4-1/4" W: 2-1/2" H: 1/2" WT: .32

STOCK #	DESCRIPTION	PRICE
8264-PS	3 Output ATT Converter	\$7.95



**CREDIT CARD-COD
ORDERS TAKEN BY PHONE
9:00 AM - 4:30 PM (EASTERN)**

**MONDAY - FRIDAY
CALL**

561-848-8236

ORDERS ONLY

CALL

1-800-652-6733

VICOR POWER MODULES

DC/DC CONVERTER 5V @ 30A

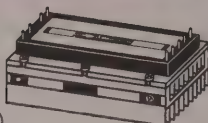
MFG: VICOR
P/N: VI-260-CV

Input: 200-365V DC (300V)
Output: 5V @ 150W (30A)

Specifications/Features:

Heatsink mtd. module for modular systems. 05% line/load reg. 1% P/P ripple. Short circuit protected. Remote Sense, disable & output trim.

L: 4.6" W: 2.4" H: 2" WT: 1



STOCK #	DESCRIPTION	PRICE
6651-PS	5V 30A DC/DC Vicor	\$100.00

DC/DC CONVERTER 5V @ 30A

MFG: VICOR
P/N: VI-260-CV/F2

Input: 200-365V DC (300V)
Output: 5V @ 150W (30A)

Specifications/Features:

Regulator module with heatsink. 05% line/load reg. 1% P/P ripple. Short circuit protected. Remote Sense, disable & output trim. UL/CSA/VDE/TUV listed

L: 4.6" W: 1.75" H: 1" WT: .5



STOCK #	DESCRIPTION	PRICE
8306-PS	5V 30A DC/DC Vicor	\$80.00

5V 30A DC/DC CONVERTER

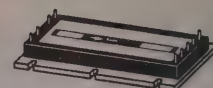
MFG: VICOR
P/N: VI-2N0-CV

Input: 42-60V DC (48V)
Output: 5V @ 150W (30A)

Specifications/Features:

Module for modular systems. 05% line/load reg. 1% P/P ripple. Short circuit protected. Remote Sense, disable & output trim.

L: 4.6" W: 2.4" H: .5" WT: .5



STOCK #	DESCRIPTION	PRICE
6653-PS	5V 30A DC/DC Vicor	\$100.00

5V 20A DC/DC BOOSTER

MFG: VICOR
P/N: VI-B30-06

Input: 42-60V DC (48V)
Output: 5V @ 100W (20A)

Specifications/Features:

Module operates in parallel with standard module. Control is supplied from standard module. Short circuit protected. Remote Sense, & disable

L: 4.6" W: 2.4" H: .5" WT: .5



STOCK #	DESCRIPTION	PRICE
6654-PS	5V 20A DC/DC Vicor	\$80.00

5V 15A DC/DC CONVERTER

MFG: VICOR
P/N: VI-230-CX

Input: 42-60V DC (48V)
Output: 5V DC 75W (15A)

Specifications/Features:

Module for modular systems. 2% line/load reg. 3% P/P ripple. Short circuit protected. Remote Sense, disable & output trim.

L: 4.6" W: 2.4" H: .5" WT: .5



STOCK #	DESCRIPTION	PRICE
7661-PS	5V 15A DC/DC Vicor	\$70.00

5V 10A DC/DC CONVERTER

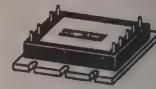
MFG: VICOR
P/N: MI-J20-MY

Input: 28V DC (18-50V)
Output: 5V @ 50W (10A)

Specifications/Features:

Mil spec module for modular systems. 05% line/load reg. 1% P/P ripple. Short circuit protected. Remote Sense, disable & output trim. -55-+100° C Temp Range

L: 2.28" W: 2.4" H: .5" WT: .3



STOCK #	DESCRIPTION	PRICE
7480-PS	Mil Grade 5V 10A DC/DC	\$50.00

12V 4A DC/DC BOOSTER

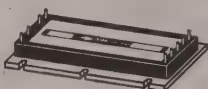
MFG: VICOR
P/N: House Marked

Input: 48 DC
Output: 12V @ 50W (4A)

Specifications/Features:

Module operates in parallel with standard module. Control is supplied from standard module. Short circuit protected. Remote Sense, & disable

L: 4.6" W: 2.4" H: .5" WT: .5



STOCK #	DESCRIPTION	PRICE
7725-PS	12V 4A DC/DC Vicor	\$60.00

5V 15A DC/DC CONVERTER

MFG: VICOR
P/N: VI-230-CW

Input: 42-60V DC (48V)
Output: 5V DC 100W (20A)

Specifications/Features:

Module for modular systems. 2% line/load reg. 3% P/P ripple. Short circuit protected. Remote Sense, disable & output trim.

L: 4.6" W: 2.4" H: .5" WT: .5



STOCK #	DESCRIPTION	PRICE
7717-PS	5V 20A DC/DC Vicor	\$75.00

12V 4A DC/DC CONVERTER

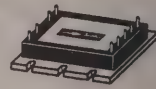
MFG: VICOR
P/N: MI-J31-CY

Input: 48V DC (42-60V)
Output: 12V @ 50W (4A)

Specifications/Features:

Comm. spec module. 05% line/load reg. 1% P/P ripple. Short circuit protected. Remote Sense, disable & output trim. -20-+100° C Temp Range

L: 2.28" W: 2.4" H: .5" WT: .3



STOCK #	DESCRIPTION	PRICE
7718-PS	12V 4A DC/DC	\$45.00

5V 10A DC/DC CONVERTER

MFG: VICOR
P/N: House Marked

Input: 48 DC
Output: 5V @ 50W (10A)

Specifications/Features:

Module for modular systems. 2% line/load reg. 3% P/P ripple. Short circuit protected. Remote Sense, disable & output trim.

L: 4.6" W: 2.4" H: .5" WT: .5



STOCK #	DESCRIPTION	PRICE
7730-PS	5V 10A DC/DC Vicor	\$65.00

5V 10A DC/DC BOOSTER

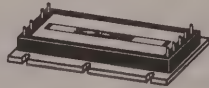
MFG: VICOR
P/N: House Marked

Input: 48 DC
Output: 5V @ 50W (10A)

Specifications/Features:

Module operates in parallel with standard module. Control is supplied from standard module. Short circuit protected. Remote Sense, & disable

L: 4.6" W: 2.4" H: .5" WT: .5



STOCK #	DESCRIPTION	PRICE
7724-PS	5V 10A DC/DC Vicor	\$60.00

5V 10A DC/DC BOOSTER

MFG: VICOR
P/N: VI-B60

Input: 270 DC
Output: 5V @ 50W (10A)

Specifications/Features:

Module operates in parallel with standard module. Control is supplied from standard module. Short circuit protected. Remote Sense, & disable

L: 4.6" W: 2.4" H: .5" WT: .5



STOCK #	DESCRIPTION	PRICE
7723-PS	5V 10A DC/DC Vicor	\$60.00

INPUT ATTENUATOR

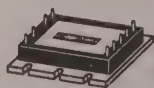
MFG: VICOR
P/N: MI-A22-MU

Input: 28V DC (18-50V)
Output: 200W

Specifications/Features:

Mil Spec. front-end module provides EMI/RFI filtering and Transient protection for other modules in system. -55-+85° C Temp Range

L: 2.28" W: 2.4" H: .5" WT: .3



STOCK #	DESCRIPTION	PRICE
7482-PS	Mil Grade Attenuator	\$40.00



**CREDIT CARD-COD
ORDERS TAKEN BY PHONE
9:00 AM - 4:30 PM (EASTERN)**

**MONDAY - FRIDAY
CALL**

**561-848-8236
ORDERS ONLY**

CALL

1-800-652-6733

INPUT ATTENUATOR

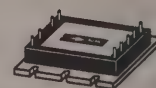
MFG: VICOR
P/N: VI-ANN-CQ

Input: 36-76V DC (48V)
Output: 400W

Specifications/Features:

Front-end module provides EMI/RFI filtering and Transient protection for other modules in system.

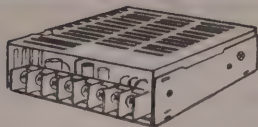
L: 2.28" W: 2.4" H: .5" WT: .3



STOCK #	DESCRIPTION	PRICE
6658-PS	36-76V DC Attenuator	\$36.00

POWER SUPPLIES

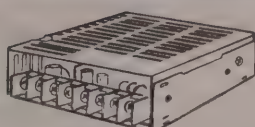
5V & +-12V SUPPLY



MFG: VOLGEN
P/N: ERK15-1212
Input: 100-240 VAC 50/60 Hz
Output #1: +5V @ 2A #2: +12V @ .3A #3: -12V @.3A
Specifications/Features:
Enclosed switching supply. Power "on" LED, terminal strip IN/OUT
L: 5-1/2" **W:** 3-7/8" **H:** 1-1/2" **WT:** .9

STOCK #	DESCRIPTION	PRICE
7765-PS	Volgen ERK15-1212	\$9.95

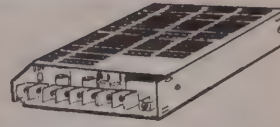
5V & +-15V SUPPLY



MFG: VOLGEN
P/N: ERK15-1515
Input: 100-240 VAC 50/60 Hz
Output #1: +5V @ 2A #2: +15V @ .3A #3: -15V @.3A
Specifications/Features:
Enclosed switching supply. Power "on" LED, terminal strip IN/OUT
L: 5-1/2" **W:** 3-7/8" **H:** 1-1/2" **WT:** .9

STOCK #	DESCRIPTION	PRICE
7766-PS	Volgen ERK15-1515	\$14.95

5V & +-12V SUPPLY



MFG: VOLGEN
P/N: ERK70-1212
Input: 100-240 VAC 50/60 Hz
Output #1: +5V @ 8A #2: +12V @ 2.5A #3: -12V @1A
Specifications/Features:
Enclosed switching supply. Power "on" LED, terminal strip IN/OUT
L: 9-7/8" **W:** 4" **H:** 1-7/8" **WT:** 2.1

STOCK #	DESCRIPTION	PRICE
7767-PS	Volgen ERK70-1212	\$24.95

12V .9A SUPPLY



MFG: VOLGEN
P/N: EX12-0R9
Input: 115 VAC 50/60 Hz
Output: 12V @.9A
Specifications/Features:
Open frame switching supply. Power "on" LED, terminal strip IN/OUT
L: 3-5/8" **W:** 2-7/8" **H:** 7/8" **WT:** .3

STOCK #	DESCRIPTION	PRICE
7768-PS	Volgen EX120R9	\$14.95

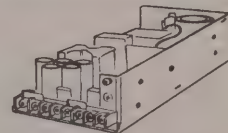
48V @ .6A SUPPLY



MFG: VOLGEN
P/N: EX480R6
Input: 115 VAC 47-63 Hz
Output: 48V @ .6A
Specifications/Features:
Enclosed switching supply. Power "on" LED, Remote sense. Terminal strip IN/OUT
L: 7-5/8" **W:** 3-3/4" **H:** 2-1/4" **WT:** 1.7

STOCK #	DESCRIPTION	PRICE
7782-PS	Volgen EX480R6	\$19.95

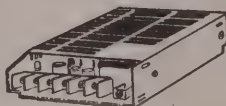
48V @ 3.3A SUPPLY



MFG: VOLGEN
P/N: EX483R3
Input: 115 VAC 47-63 Hz
Output: 48V @ 3.3A
Specifications/Features:
Open switching supply. Power "on" LED, Remote sense. Terminal strip IN/OUT
L: 7-5/8" **W:** 3-3/4" **H:** 2-1/4" **WT:** 1.7

STOCK #	DESCRIPTION	PRICE
8798-PS	Volgen EX483R3	\$35.95

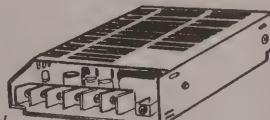
5V & +-15V SUPPLY



MFG: VOLGEN
P/N: PRK15-1515
Input: 115 VAC 50/60 Hz
Output #1: +5V @ 2.5A #2: +15V @ .3A #3: -15V @.3A
Specifications/Features:
Enclosed switching supply. Power "on" LED, terminal strip IN/OUT
L: 5-1/4" **W:** 3-1/8" **H:** 1-1/8" **WT:** .6

STOCK #	DESCRIPTION	PRICE
7771-PS	Volgen PRK15-1515	\$14.95

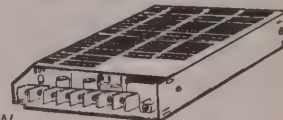
5V & +12V SUPPLY



MFG: VOLGEN
P/N: PRK30-0512W
Input: 115 VAC
Output #1: +5V @ 3A #2: +12V @ 1.2A
Specifications/Features:
2% line, 2% load reg. 80mV P/P ripple. 500 VDC isolation. Short circuit protected. Shielded
L: 6-1/8" **W:** 3-5/8" **H:** 1-1/2" **WT:** 1.1

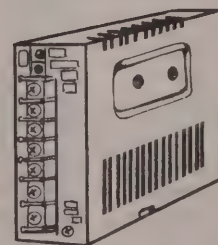
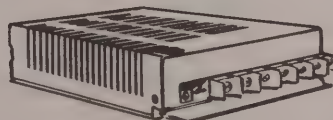
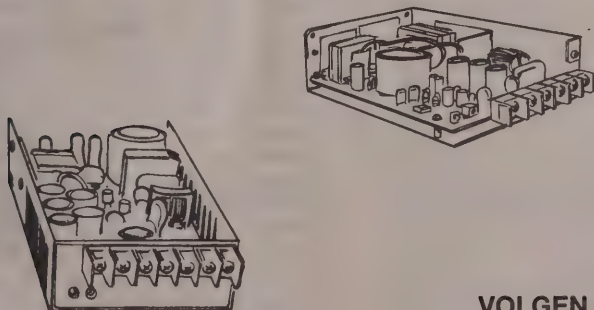
STOCK #	DESCRIPTION	PRICE
7772-PS	Volgen PRK30-0512	\$18.95

15V @ 3A SUPPLY



MFG: VOLGEN
P/N: PRK50-1515W
Input: 120 VAC 50/60 Hz
Output #1: 15V @ 1.5A #2: 15V @ 1.5A
Specifications/Features:
Enclosed switching supply. Floating outputs. Power "on" LED, terminal strip IN/OUT
L: 7-5/8" **W:** 3-5/8" **H:** 1-1/2" **WT:** 1.3

STOCK #	DESCRIPTION	PRICE
7773-PS	Volgen PRK50-1515	\$19.95



VOLGEN POWER SUPPLIES

Stock #	VOLGEN Model	-----Output Voltage/Amps-----			Input Voltage	Style	Weight ea	PRICE ea
		#1	#2	#3				
7777-PS	PRK501212W	+12V @ 2A	+12 @ 2A	-	120VAC	Enclosed	1.3 lbs	\$29.95
7780-PS	EX153R3	15V @ 3.3A	-	-	120VAC	Open Frame	.8 lbs	\$29.95
7782-PS	EX480R6	48V @ 0.6A	-	-	120VAC	Enclosed	.6 lb	\$19.95
7783-PS*	PRK70U1212	+5 @ 5A	+12V @ 2.5A	-12V @ 1A	120VAC	Enclosed	1.8 lbs	\$19.95
7784-PS*	MRU50DDW	12V @ 2A	12V @ 2A	-	120VAV	Open Frame	1.7lbs	\$29.95
8266-PS	PRK150524W	+5V @ 2.5A	+24V @ .4A	-	120VAC	Enclosed	.6 lb	\$19.95
*UL/CSA Listed								

DESCRIPTION

International Power open frame series are a high reliability line of power supplies designed to operate over the wide range of AC. power sources found world wide. This feature simplifies your inventory and service considerations by allowing the use of one standard power supply regardless of destination.

Models are designed to meet many domestic and European regulatory requirements, greatly simplifying world wide distribution of your products



FEATURES

- ☆ $\pm .05\%$ Regulation
- ☆ Foldback Current limit
- ☆ No Minimum Load
- ☆ Full Rated to 50°C
- ☆ 100/120/220/230-240 VAC Input
- ☆ Overvoltage Protection on 5 Volt output
- ☆ Industry Standard Case Sizes
- ☆ UL recognized CSA Certified TUV Licensed

SINGLE OUTPUT LINEAR

Stock #	International Power Model	-----Output Voltage/Amps-----			Case Style	Weight ea	----PRICE EACH----	
		#1	#2	#3			1-9	10+
6601-PS	IHA5-1.2/OVP	5V @ 1.2A	-	-	A	1 lb	\$26.50	\$25.06
6602-PS	IHA5-1.5/OVP	5V @ 1.5A	-	-	A	1 lb	27.88	26.42
6603-PS	IHB5-3/OVP	5V @ 3.0A	-	-	B	2 lbs	32.77	31.05
6604-PS	IHC5-6/OVP	5V @ 6.0A	-	-	C	4 lbs	54.62	51.75
6605-PS	IHN5-9/OVP	5V @ 9.0A	-	-	N	6 lbs	74.59	70.65
6606-PS	IHD5-12/OVP	5V @ 12.0A	-	-	D	7.5 lbs	84.78	80.32
8521-PS	IHE5-18/OVP	5V @ 18.0A	-	-	E	10 lbs	119.65	113.95
8522-PS	IF5-25/OVP	5V @ 25.0A	-	-	F	19 lbs	180.75	169.50
6607-PS	IHB12-1.7	12V @ 1.7A	-	-	B	2 lbs	32.77	31.05
6608-PS	IHC12-3.4	12V @ 3.4A	-	-	C	4 lbs	49.87	47.25
6609-PS	IHN12-5.1	12V @ 5.1A	-	-	N	6 lbs	68.82	66.16
6610-PS	IHD12-6.8	12V @ 6.8A	-	-	D	7.5 lbs	79.75	75.55
8523-PS	IHE12-10.2	12V @ 10.2A	-	-	E	10 lbs	109.72	103.95
6611-PS	IF12-15	12V @ 15.0A	-	-	F	19 lbs	154.37	146.25
6612-PS	IHA15-.5	15V @ .5A	-	-	A	1 lbs	26.50	25.06
6613-PS	IHA15-.9	15V @ .9A	-	-	A	2 lbs	27.88	26.42
6614-PS	IHB15-1.5	15V @ 1.5A	-	-	B	2 lbs	32.77	31.05
6615-PS	IHC15-3	15V @ 3.0A	-	-	C	4 lbs	49.87	47.25
6616-PS	IHN15-4.5	15V @ 4.5A	-	-	N	6 lbs	69.82	66.15
6617-PS	IHD15-6	15V @ 6.0A	-	-	D	7.5 lbs	79.75	75.55
8524-PS	IHE15-9	15V @ 9.0A	-	-	E	10 lbs	109.72	103.95
6618-PS	IF15-15	15V @ 15A	-	-	F	19 lbs	180.75	169.50
6619-PS	IHA24-0.5	24V @ .5A	-	-	B	2 lbs	27.88	26.42
6620-PS	IHB24-1.2	24V @ 1.2A	-	-	B	2 lbs	32.77	31.05
6621-PS	IHC24-2.4	24V @ 2.4A	-	-	C	4 lbs	49.87	47.25
6622-PS	IHN24-3.6	24V @ 3.6A	-	-	N	6 lbs	69.82	66.15
6623-PS	IHD24-4.8	24V @ 4.8A	-	-	D	7.5 lbs	79.75	75.55
6624-PS	IHE24-7.2	24V @ 7.2A	-	-	E	10 lbs	109.72	103.95
7377-PS	IF24-12	24V @ 12.0A	-	-	F	19 lbs	180.75	169.50
6626-PS	IHB28-1	28V @ 1.0A	-	-	B	2 lbs	32.77	31.05
6627-PS	IHC28-2	28V @ 2.0A	-	-	C	4 lbs	49.87	47.25
6628-PS	IHN28-3	28V @ 3.0A	-	-	N	6 lbs	66.82	66.15
6629-PS	IHD28-4	28V @ 4.0A	-	-	D	7.5 lbs	79.75	75.55
8525-PS	IHE28-6	28V @ 6.0A	-	-	E	10 lbs	109.72	103.95
6630-PS	IHB48-0.5	48V @ .5A	-	-	B	2 lbs	34.68	32.85
6631-PS	IHC48-1	48V @ 1.0A	-	-	C	4 lbs	56.95	53.95
6632-PS	IHD48-3	48V @ 3.0A	-	-	D	7.5 lbs	84.78	80.32
8526-PS	IHE48-4	48V @ 4.0A	-	-	E	10 lbs	119.65	113.95
8527-PS	IF48-8	48V @ 8.0A	-	-	F	19 lbs	252.50	236.75
8528-PS	IHB155-0.12	135-170V @ .12A	-	-	B	2 lbs	39.85	37.75
8529-PS	IHB200-0.12	175-210V @ .12A	-	-	B	2 lbs	39.85	37.75
8530-PS	IHB-250-0.10	215-265V @ .10A	-	-	B	2 lbs	39.85	37.75

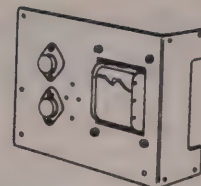
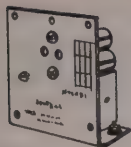
UNREGULATED SINGLE OUTPUT LINEAR

8531-PS	IHP500U12	12V @ 30A	FILTERED-UNREGULATED	U	18 lbs	\$172.00	\$161.25
6645-PS	IP500U24	24V @ 20A	FILTERED-UNREGULATED	U	18 lbs	147.85	136.60
6646-PS	IP500U48	48V @ 10A	FILTERED-UNREGULATED	U	18 lbs	147.85	136.60

OVOLTAGE PROTECTORS

6647-PS	IOVP12	Adjustable overvoltage protector for ALL Case sizes Smaller than "D"	.2 lbs	\$7.55	\$7.15
6648-PS	IOVP24	Adjustable overvoltage protector for ALL "E", "F", & "G" Case Sizes	.4 lbs	14.20	13.45

POWER SUPPLIES



MULTIPLE OUTPUT LINEAR

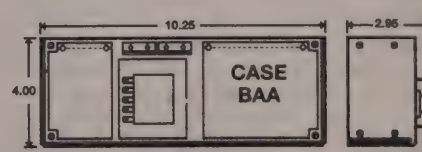
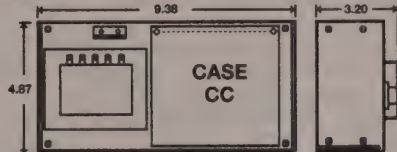
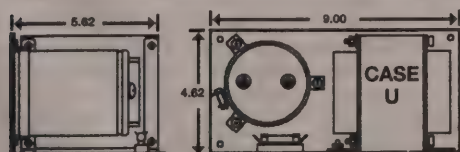
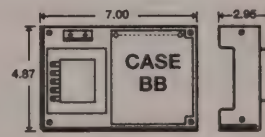
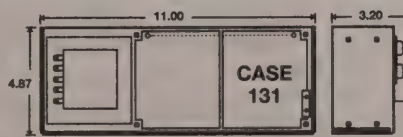
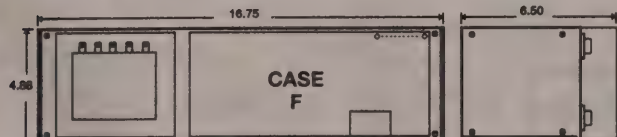
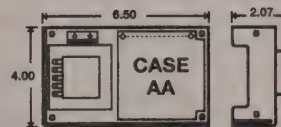
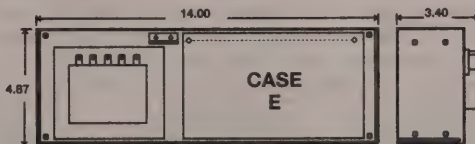
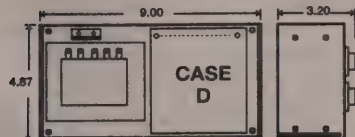
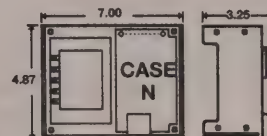
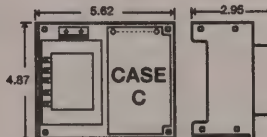
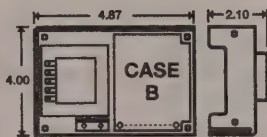
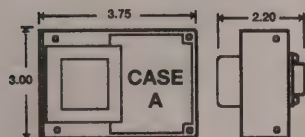
International Power multiple output supplies operate over a wide range of AC inputs.

Many feature adjustable outputs allowing you the choice of +- 12V or +-15V and in some units -5V outputs. Triple output supplies all have 5V outputs with Overvoltage protection.

Stock #	International Power Model	-----Output Voltage/Amps-----			Case Style	Weight ea	----PRICE EACH----	
		#1	#2	#3			1-9	10+
8532-PS	IHCC5-6/OVP	+5V @ 6.0A	-5V @ 6.0A	-	CC	7 lbs	\$96.66	91.57
8533-PS	IHD12-6.8-504	+5V @ 3.0A	12V @ 6A Isolated	-	D	7.5 lbs	120.65	114.30
6641-PS	IHCC512	+5V @ 6.0A	12-15V adj @ 2.5A Isolated	-	CC	7 lbs	94.52	89.55
6637-PS	IHAD12-0.4	+12V @ 0.4A	-12V @ 0.4A	-	B	2 lbs	36.80	34.87
6638-PS	IHAD15-0.4	+15V @ 0.4A	-15V @ 0.4A	-	B	2 lbs	36.80	34.87
8534-PS	IHBB24-1.2	+24V @ 1.2A	-24V @ 1.2A	-	BB	4 lbs	54.62	51.75
6633-PS	IHAA15-0.8	+12V @ 1.0A	-12V @ 1A	-	AA	2 lbs	42.75	40.50
		+15V @ .8A	-15V @ .8A	-				
6639-PS	IHCC15-3.0	+12V @ 3.4A	-12V @ 3.4A	-	CC	7 lbs	87.87	83.25
		+15V @ 3.0A	-15V @ 3A	-				
6634-PS	IHTAA-16W	+5V @ 2.0A	+12V @ .5A	-12V @ .4A	AA	2 lbs	54.86	51.97
		"	+15V @ .5A	-15V @ .4A				
		"	"	-5V @ .4A				
6635-PS	IHBAA-40W	+5V @ 3.0A	+12V @ 1A	-12V @ 1A	BAA	5 lbs	75.76	71.77
		"	+15V @ 0.8A	-15V @ 0.8A				
		"	"	-5V @ 0.4A				
6636-PS	IHCAA-60W	+5V @ 6.0A	+12-15V @ 1A	-12-15V @ 1A	D	7.5 lbs	89.77	85.50
		"	"	-5V @ 0.4A				
7380-PS	IHBCC512	+5V @ 3.0A	+12V @ 3.4A	-12V @ 3.4A	CC	7 lbs	114.00	106.75
		"	+15V @ 3A	-15V @ 3A				
8535-PS	IHBCC524	+5V @ 3.0A	+18-20V @ 1.8A	-18-20V @ 1.8A	CC	7 lbs	114.00	106.75
		"	+24V @ 2.4A	-24V @ 2.4A				

MULTIPLE OUTPUT LINEAR FOR HARD/FLOPPY DRIVES

8536-PS	ICP162	+5V @ 3A	-5V @ .6A	+24V @ 5A (6Apk)	131	9 lbs	\$129.67	\$122.85
8537-PS	ICP379	+5V @ 6.0A	-5V @ 1.2A	+24V @ 3.5A(8Apk)	131	9 lbs	129.67	122.85
	OR	"	-12V @ 1.2A	"				



POWER SUPPLIES

AC LINE STABILIZER

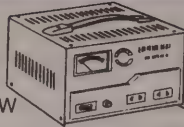
P/N: AR350

Input: 75-260VAC 50-60Hz

Output: 110V & 220V AC 350W

Specifications/Features:

Benchtop autoregulator for AC line. Automatically senses input line voltage & switches windings to compensate. Front panel output Voltmeter, 110 & 220 AC sockets, Output fuse, & switch. Ideal for testing 110 & 220 equipment. 6ft AC line cord input
W: 7-1/2" H: 5-1/2" D: 7-1/4" WT: 8.7



STOCK #	DESCRIPTION	PRICE
8617-PS	Benchtop AC Stabilizer	\$49.95

BENCHTOP 0-20V @10A

MFG: MG

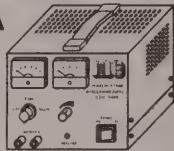
P/N: PS10AD

Input: 115 VAC

Output: 0-20VDC @ 10A

Specifications/Features:

Linear supply with Volt & Amp Meters. 3 switch selectable ranges: 0-7V 7-14V & 14-20V .1% Load reg.. Short Circuit & Overload Protected. Metal case, power cord, line fuse, switch & output binding posts.
W: 7.88" H: 5.91" D: 11" WT: 21



STOCK #	DESCRIPTION	PRICE
7036-PS	M&G Adj. Supply	\$159.95

3A REGULATED 13.8 DC BENCHTOP SUPPLY

*UL LISTED

110/120VAC Input

13.8VDC @ 3A Output

Short Circuit & Overload Protected.

With Metal Case, Power Cord, Line Fuse and Switch. For Cellular Phones, Auto Accessories, Test Equipment. Binding post for output.

L: 7.5" W: 5.2" H: 3.3" WT: 5.3



STOCK #	DESCRIPTION	PRICE
8308-PS	13.8 VDC 3 Amp UL Supply	\$29.95

10A REGULATED 13.8 DC BENCHTOP SUPPLY

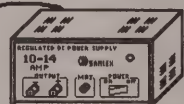
*UL/CSA LISTED

Short Circuit & Overload

Protected. 110/120VAC Input

With Metal Case, Power Cord, Line Fuse and Switch For Cellular Phones, Auto Accessories, Test Equipment. Binding post for output.

L: 9.8" W: 9.5" H: 5.0" WT: 15.3



STOCK #	DESCRIPTION	PRICE
5825-PS	13.8 @ 10 UL/CSA Samlex	\$69.95

20A REGULATED 13.8 DC BENCHTOP SUPPLY

Short Circuit & Overload

Protected. 110/120VAC

input. With Metal Case, Power Cord, Line Fuse and Switch

For Cellular Phones, Auto Accessories, Test Equipment. Binding post for output.

L: 11" W: 9.7" H: 5" WT: 18.3



STOCK #	DESCRIPTION	PRICE
5386-PS	13.8V @20 AMP SAMLEX	\$99.95

0-15VDC 30A BENCH SUPPLY

MFG: ZURICH

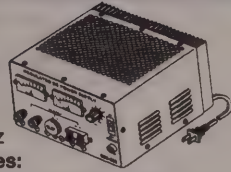
P/N: DPS2512

Input: 115VAC 50-60Hz

Specifications/Features:

Linear Supply with Volt & Amp Meters. 0-15V Adj. & 0-25A (30 Surge). 1% Line/Load Regulation. Short Circuit & Overload Protected. 6' line cord. Binding Post, Cigarette Lighter Jack & spring clips for output.

W: 9-1/4" H: 5-7/8" D: 9-3/4" WT: 19.5



STOCK #	DESCRIPTION	PRICE
7131-PS	0-15V Benchtop Supply	\$199.95

ADJUSTABLE BENCHTOP SUPPLY

MFG: EMCO

P/N: PSV5

Input: 115/230VAC

Specifications/Features:

Linear Supply with Volt & Amp Meters. 0-30V Adj. & 0-5A Adj. Current limit. Auto constant Voltage/constant Current Modes..25% Line/Load Regulation. Short Circuit & Overload Protected. 6' line cord.

W: 9" H: 6-1/2" D: 11" WT: 16



STOCK #	DESCRIPTION	PRICE
7113-PS	0-30V Benchtop Supply	\$249.95

0-12VDC @ .5A +-5 & +12 FIXED BENCH SUPPLY

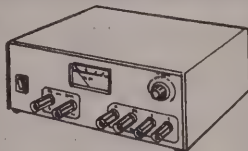
MFG.: ELENCO

Input: 120VAC

Outputs: #1: 0-12V @ .5A #2: +5V @ 1A

#3: +12V @ .5A #4: -5V @ .5A

Short circuit protected. Volt Meter on variable output, Variable output floating. 100mV Line/load reg. 5mV ripple. Power Cord, Line Fuse, Switch, & Binding Posts
L: 8-1/8" W: 6-3/8" H: 3-3/4" WT: 6.4



STOCK #	DESCRIPTION	PRICE
8704-PS	Elenco XP-4 Supply	\$39.95

24V/2A BENCH SUPPLY

MFG: EMCO

P/N: PSR-2/24

Input: 115 VAC 60Hz

Outputs: 24V @ 2A

Specifications/Features:

Bench top linear supply. Current limited, 6ft line cord, line fuse, power switch, LED indicator, Binding post terminals, plastic feet.

L: 8-1/2" W: 4-3/4" H: 3" WT: 5.5



STOCK #	DESCRIPTION	PRICE
5329-PS	24V @2A Bench Top	\$39.95

24V/4A BENCH SUPPLY

MFG: EMCO

P/N: PSR-4/24

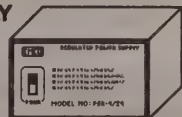
Input: 115 VAC 60Hz

Outputs: 24V @ 4A

Specifications/Features:

Bench top linear supply. Current limited, 6ft line cord, line fuse, power switch, LED indicator, Binding post terminals on back, plastic feet.

L: 8-1/2" W: 6-3/4" H: 4-1/2" WT: 9.1



STOCK #	DESCRIPTION	PRICE
5831-PS	24V @ 4A Bench Top	\$49.95

2.5-18VDC @ 2A +5 & +/-12 FIXED BENCH SUPPLY

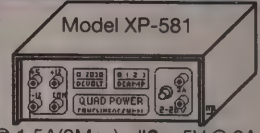
MFG.: ELENCO

Input: 120VAC

Outputs: #1: 2.5-18V @ 1.5A(2Max) #2: +5V @ 3A #3: +12V @ 1A #4: -12V @ 1A

Foldback current limit. Volt & Amp Meters, .05V Line/load reg. on fixed outputs; .4V on variable. 5mV ripple. Metal Case, Power Cord, Line Fuse, Switch, & Binding Posts,

L: 9.3" W: 8.3" H: 3.5" WT: 10



STOCK #	DESCRIPTION	PRICE
8775-PS	Fixed Elenco Supply	\$79.95

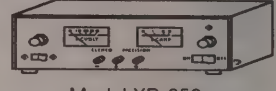
0-40V @ 1.5A OR 0-20 @ 3A BENCH SUPPLY

MFG.: ELENCO

Input: 120/240VAC

Output: Selectable 0-20V DC or 0-40V DC output Short Circuit & Overload Protected. Volt & Amp Meters. All outputs are Isolated and can be connected in series. Line/Load Regulation is .1 with 5mV Ripple. Metal Case, Power Cord, Line Fuse, Switch, & Binding Posts,

L: 10" W: 9.5" H: 3.5" WT: 10



STOCK #	DESCRIPTION	PRICE
5718-PS	0-40 / 0-20 Adj Supply	\$154.95

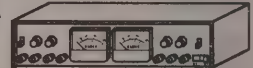
5V @ 5A FIXED & DUAL 0-20V @ 1A BENCH SUPPLY

MFG.: ELENCO

Input: 120/240VAC

Short Circuit & Overload Protected Dual function Volt & Amp Meters. All outputs are Isolated and can be connected in series. Line/Load Regulation .1V and 5mV Ripple. Metal Case, Power Cord, Line Fuse, Switch, & Binding Posts,

L: 14" W: 9.5" H: 3.5" WT: 18



STOCK #	DESCRIPTION	PRICE
5719-PS	5V & Dual adj. 20V Supply	\$234.95

5V, -5V, +12 BENCH SUPPLY

MFG: L-COM

P/N: PS-3

Input: 115 VAC 47-440Hz

Outputs: #1: 5V @ 6A #2: +12V @ .5A #3: -5V @ 1A Specifications/Features: Bench top switching supply. Current limited, 6ft line cord, power switch, LED indicator, push terminals, rubber feet.

L: 8-1/4" W: 4" H: 2-1/4" WT: 2.2



STOCK #	DESCRIPTION	PRICE
4392-PS	+5V, +12V Bench Top	\$29.95

5V, +24 BENCH SUPPLY

MFG: L-COM

P/N: PS-4

Input: 115 VAC 47-440Hz

Outputs: #1: 5V @ 3A #2: +24V @ .6A #3: -24V @ .6A Specifications/Features: Bench top switching supply. Current limited, 6ft line cord, power switch, LED indicator, push terminals, rubber feet.

L: 8-1/4" W: 4" H: 2-1/4" WT: 2.2



STOCK #	DESCRIPTION	PRICE
4642-PS	5V, +24V Bench Top	\$29.95

POWER SUPPLIES

3A REGULATED 13.8 DC BENCHTOP SUPPLY



Short Circuit & Overload Protected. 110/120VAC Input. With Metal Case, Power Cord, Line Fuse and Switch. For Cellular Phones, Auto Accessories, Test Equipment. Binding post for output.

L: 7.5" W: 5.2" H: 3.3" WT: 5.3

STOCK #	DESCRIPTION	PRICE
5381-PS	13.8 VDC 3 Amp Samlex	\$19.95

4A REGULATED 13.8 DC BENCHTOP SUPPLY

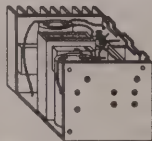


Short Circuit & Overload Protected. 110/120VAC Input. With Metal Case, Power Cord, Line Fuse and Switch. For Cellular Phones, Auto Accessories, Test Equipment. Binding post and Cigarette plug socket for output.

L: 9.5" W: 5.2" H: 3.5" WT: 5.5

STOCK #	DESCRIPTION	PRICE
7722-PS	13.8VDC 4 Amp Samlex	\$24.95

5V @ 70A LAMBDA



MFG: LAMBDA
P/N: LYS-K-5-OV
Input: 105-132 VAC 47-63Hz
Output #1: 5V @ 70A

Specifications/Features:
Open case switching supply, .1% line/load reg, 75mV P/P Ripple/noise. Overvoltage and over current protected, remote sense.

L: 10" W: 5-1/2" H: 4-7/8" WT: 13.5

STOCK #	DESCRIPTION	PRICE
4683-PS	5V @ 70A Lambda	\$99.95

5V @ 25A* SUPPLY

MFG: SOLA
P/N: 86-05-325
Input: 115/230 VAC 60Hz
Output: 5V @ 25A*

Specifications/Features:
Used, switcher, over volt & current protected, remote sense, .1% reg. *Requires external heatsink & 50CFM air flow for 25A out, without = 5A.

L: 9-1/4" W: 4-3/4" H: 2" WT: 2.5

STOCK #	DESCRIPTION	PRICE
3946-PS	5V 25A Sola	\$9.95

5V @ 20A SUPPLY

MFG: KYOSAN
P/N: KR-100-5
Input: 100-115VAC 50/60Hz
Output: 5V @ 20A

Specifications/Features:
Enclosed switching supply. Overcurrent protected. Remote sense. Terminal strip input & output.

L: 8-1/4" W: 4" H: 3-1/2" WT: 4

STOCK #	DESCRIPTION	PRICE
7373-PS	5V 20A Kyosan	\$24.95

5V/200A SUPPLY

MFG: PIONEER MAGNETICS
P/N: PM2926A 5D200-0

Output: 5V @ 200A

Input: 230 VAC 47-63Hz

Specifications/Features:

Switching supply with floating output. .25% line/Load reg. 50mV P/P ripple max. Remote Sense, Current share & monitor, Over temp. & Inhibit. Overvolt & over current protected. UL/CSA/TUV listed

L: 11" W: 8" H: 5" WT: 18

STOCK #	DESCRIPTION	PRICE
7685-PS	5V 200A Supply	\$129.00

5V @100A SUPPLY

MFG: TODD
P/N: SX5-100A

Input: 115/230 VAC 47-63Hz

Output: 5V @ 100A

Specifications/Features:

Used, enclosed switcher, over volt & current protected, remote sense

L: 11-3/4" W: 5-1/2" H: 5" WT: 11.4

STOCK #	DESCRIPTION	PRICE
8335-PS	Used 5V 100A Todd	\$24.95

5V @ 26A SUPPLY

MFG: POWER-1
P/N: SPL130-1005

Input: 110/220 VAC 50/60 Hz

Output : 5V @ 26A

Specifications/Features:

Open frame switching supply with overvoltage protection, current limit protection & remote Sense, .2% line reg, 1% load reg, 1% P/P ripple. UL/CSA/TUV

L: 8-7/8" W: 5" H: 2-1/2" WT: 2.8

STOCK #	DESCRIPTION	PRICE
8792-PS	5V 26A Power-1 Supply	\$29.95

5V @ 20A SUPPLY

MFG: LAMBDA
P/N: LUS-11-5
Input: 115 VAC 47-440Hz

Output #1: 5V @ 20A

Specifications/Features:

Removed from new equipment. Enclosed switching supply. .4% line; .85% load regulation. 200mV P/P noise & ripple. LED output indicator. UL/CSA

L: 10" W: 3.1" H: 3.9" WT: 2.4

STOCK #	DESCRIPTION	PRICE
6510-PS	5V 20A Lambda	\$19.95

5V @ 100A

MFG: SIERRACIN
(Valor)

P/N: 5K5A

Input: 115/230VAC 47-63Hz

Output: 5V @ 100A

Specifications/Features:

Open switcher. .15% line/load reg, remote sense, LED output indicator. Foldback current limit, Overvoltage protected, Inhibit input, UL/CSA/TUV listed

L: 15" W: 7-1/2" H: 3" WT: 11.5

STOCK #	DESCRIPTION	PRICE
4343-PS	5V 100A Supply	\$59.95

5V @70A SUPPLY

MFG: KEPSCO/TKD
P/N: RMX05-D

Input: 115/230 VAC 47-440Hz

Output: 5V @ 70A

Specifications/Features:

Used Enclosed switcher, over volt & current protected, remote sense .6% line/load reg.

L: 9-3/4" W: 6" H: 5-1/8" WT: 9.5

STOCK #	DESCRIPTION	PRICE
4508-PS	Used 5V 70A Kepco	\$39.95

5V/20A SUPPLY

MFG: SORESENSEN
P/N: SLC5-20

Output #1: 5V @ 20A

Input: 115 VAC 47-440Hz

Specifications/Features:

Switching supply with floating output. .1% line/Load reg. 50mV P/P ripple max. Remote Sense, & Inhibit. Overvolt & over current protected.

L: 8-3/4" W: 3-1/2" H: 5-1/8" WT: 4.9

STOCK #	DESCRIPTION	PRICE
8081-PS	5V 20A Sorensen	\$19.95

5V @ 12A SUPPLY

MFG: POWER-1
P/N: HD5-12/OVP-A

Input: 100/120/220/240 VAC 47/63 Hz

Output : 5V @ 12A

Specifications/Features:

Linear supply with overvoltage protection, current limit protection & remote Sense, .05% line reg, .05% load reg 50% change 5mV/P/P ripple. UL/CSA/TUV

L: 9" W: 4-7/8" H: 3-1/2" WT: 7.2

STOCK #	DESCRIPTION	PRICE
7331-PS	5V 12A Power-1 Supply	\$39.95

5V @ 9A SUPPLY

MFG: POWER-1
P/N: HN5-9/OVP-A

Input: 100/120/220/240 VAC 47/63 Hz

Output : 5V @ 9A

Specifications/Features:

Linear supply with overvoltage protection, current limit protection & remote Sense, .05% line reg, .05% load reg 50% change 5mV/P/P ripple. UL/CSA/TUV

L: 7" W: 4-7/8" H: 3-1/4" WT: 6.8

STOCK #	DESCRIPTION	PRICE
8337-PS	5V 9A Power-1 Supply	\$19.95

**CREDIT CARD-COD
ORDERS TAKEN BY PHONE
9:00 AM - 4:30 PM (EASTERN)**

**MONDAY - FRIDAY
CALL**

561-848-8236

ORDERS ONLY

CALL

1-800-652-6733

POWER SUPPLIES

5V @ 8A SUPPLY

MFG: POWER GENERAL

P/N: 1041-1

Input: 115/230 VAC 45-440Hz

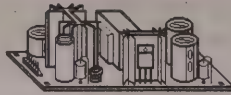
Output: 5V @ 8A

Specifications/Features:

Open switching supply. .5% line, 1% load reg. Overvoltage & current protection. 1% noise/ripple UI/CSA

L: 7.6" W: 5.2" H: 2.2" WT: .57

STOCK #	DESCRIPTION	PRICE
6495-PS	5V 8A Power Gen.	\$16.95



5V @ 6A SUPPLY

MFG: COMPUTER PROD.

P/N: SL30-3605/4605

Input: 110/220 VAC 50/60Hz

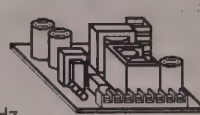
Output: 5V @ 6A

Specifications/Features:

Open frame switching supply. Floating output, .2% line reg, 1% total regulation. input/output Terminal strip. UL/CSA/VDE

L: 6-1/2" W: 4-5/8" H: 2" WT: 1.2

STOCK #	DESCRIPTION	PRICE
5344-PS	5V 6A Comp. Products	\$19.95



+5V @ 6A SUPPLY

MFG: POWER-1

P/N: HCC5-6-OVP

Input: 100/120/220/240 VAC 47-63Hz

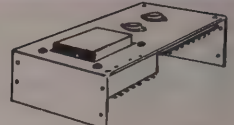
Output #1: +5V @ 6A #2: -5V @ 6A

Specifications/Features:

Open frame linear supply, .05% line/load reg, (50% load change), 5mV P/P ripple. UL/CSA/TUV

L: 9-1/2" W: 4-7/8" H: 3-3/8" WT: 6.8

STOCK #	DESCRIPTION	PRICE
8066-PS	+5V 6A Power-1	\$24.95



5V @ 6A SUPPLY

MFG: POWER/MATE

P/N: EMA 5 CV

Input: 115/230V AC 47/63Hz

Output: 5V @ 6A

Specifications/Features:

Linear supply, .05% line/load reg. (50% load change), 3mV P/P ripple, overvoltage protected, remote sense, fold back current limit.

L: 5-5/8" W: 5" H: 2-7/8" WT: 4.1

STOCK #	DESCRIPTION	PRICE
3751-PS	5V 6A Powermate	\$19.95



5V @ 6A SUPPLY

MFG: COMPUTER PRODUCTS

P/N: PL111

Input: 100/120/220/240 VAC

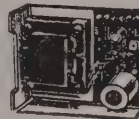
Output : 5 @ 6A

Specifications/Features:

Linear supply with overvoltage protection, current limit protection, remote sense .05% line/load reg no load- full load. 3mV P/P ripple

L: 5-3/4" W: 4-7/8" H: 3" WT: 5

STOCK #	DESCRIPTION	PRICE
4055-PS	5V 6A Comp. Products	\$25.95



5V @ 3A SUPPLY

MFG: VIKING

Input: 120/220 VAC

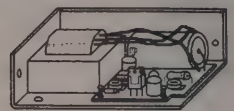
Output : 5V @ 3A

Specifications/Features:

Linear supply with overvoltage protection, current limit protection, .05% line/load reg (50% load change). 3mV P/P ripple

L: 4-7/8" W: 4" H: 2" WT: 2

STOCK #	DESCRIPTION	PRICE
7216-PS	5V 3A Viking	\$19.95



5V @ 3A SUPPLY

MFG: CONDOR

P/N: HB5-3/OVP-A

Input: 100/120/220/240 VAC 50/60 Hz

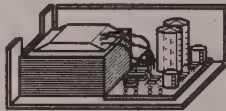
Output : 5V @ 3A

Specifications/Features:

Linear supply with overvoltage protection, current limit protection & remote Sense, .05% line reg, .05% load reg 50% change 5mV P/P ripple. UL/CSA/TUV

L: 4-7/8" W: 4" H: 2" WT: 2.2

STOCK #	DESCRIPTION	PRICE
7311-PS	5V 3A Condor Supply	\$24.95



+5V @ 1.5A SUPPLY

MFG: POWER-1

P/N: HAA5-1.5-OVP

Input: 100/120/220/240 VAC 47-63Hz

Output #1: +5V @ 1.5A #2: -5V @ 1.5A

Specifications/Features:

Open frame linear supply, .05% line/load reg, (50% load change), 5mV P/P ripple. UL/CSA/TUV

L: 6-1/2" W: 4" H: 2" WT: 2.6

STOCK #	DESCRIPTION	PRICE
4779-PS	+5V 1.5A Power-1	\$24.95



+5 & +12 V SUPPLY

MFG: AUTEC

P/N: UPS30-5002

Input: 115/230 VAC 50/60Hz

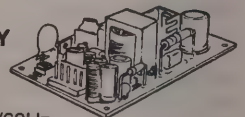
Output #1: +5V @ 2.1A #2: +12V @ 1.8A (3APk)

Specifications/Features:

Regulated switching supply. 1% line Reg. 2% load reg on +5 (3% on +12. Overvoltage protection on +5V output. UL/CSA/TUV listed

L: 4" W: 3" H: 1-3/4" WT: .4

STOCK #	DESCRIPTION	PRICE
8881-PS	Dual Output Autec	\$15.00



+5V & +12V SUPPLY

P/N: TL017AH1-B

Input: 115/230 VAC 53-63Hz

Output #1: 5V @ .7A #2: 12V @ .5A

Specifications/Features:

Open frame linear supply used with external Disc drives. With 115/230 selector switch, power switch & in-line fuse holder. Uses 3 terminal regulators. 12in. cable with connector for drive.

L: 3-1/2" W: 3-3/8" H: 2" WT: 1.3

STOCK #	DESCRIPTION	PRICE
6664-PS	5V & 12V Linear	\$9.95



+5 & +12V SUPPLY

MFG: SIGMA

P/N: DV5012A

Input: 115VAC 60Hz

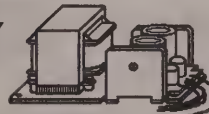
Output #1: +5V @ .5A #2: +12V @ .5A

Specifications/Features:

Supply uses 3 terminal regulators. 8in. output cable with 4 pos. female molex type connector & 12in. +5V & com. leads for power light (Not Supplied)

L: 4" W: 2-9/16" H: 2" WT: 1.7

STOCK #	DESCRIPTION	PRICE
6469-PS	+5V & +12V Sigma	\$12.95



+5 & +12 V SUPPLY

MFG: SKYNET

P/N: SNP-G106

Input: 115/230 VAC 50/60Hz

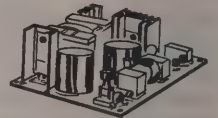
Output #1: +5V @ 3A (5pk) #2: +12V @ 2A (3Pk)

Specifications/Features:

Regulated switching supply. Overvoltage protection on +5V output.

L: 5" W: 4" H: 1-3/4" WT: .6

STOCK #	DESCRIPTION	PRICE
7524-PS	Dual Output Skynet	\$19.95



5V 6A & 12V 12A SUPPLY

MFG: LH

P/N: TMA22-E2607

Input: 115/230 50-60Hz

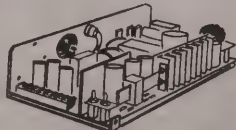
Outputs: #1 5V @ 6A #2: 12V @ 12A

Specifications/Features:

Open switching supply. Over volt & current protected. UL/CSA/TUV

L: 11" W: 5" H: 2.5" WT: 3.8

STOCK #	DESCRIPTION	PRICE
7654-PS	5V & 12V L&H	\$39.95



**CREDIT CARD-COD
ORDERS TAKEN BY PHONE
9:00 AM - 4:30 PM (EASTERN)
MONDAY - FRIDAY
CALL**

561-848-8236

ORDERS ONLY

CALL

1-800-652-6733

+5 & +24 V SUPPLY

MFG: HITRON

P/N: HSG 40-20

Input: 115/230 VAC 50/60Hz

Output #1: +5V @ 1.25A #2: +24V @ 1.5A

Specifications/Features:

Regulated switching supply. Overvoltage protection on +5V output.

L: 6-1/4" W: 4" H: 1-3/4" WT: 1

STOCK #	DESCRIPTION	PRICE
8320-PS	Dual Output Hitron	\$12.95



POWER SUPPLIES

5V & 24V SUPPLY

MFG: CONDOR

P/N: AA524

Input: 115/230 VAC 47-440Hz

Output #1: 5 @ 2A

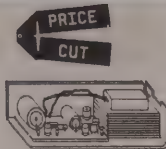
#2: 18-24V @ .3A Adjustable

Specifications/Features:

Linear supply with overvoltage protection on 5V, current limit protection, .05% line/load reg (50% load change). Output #2 adj. 18 to 24V

L: 6-1/2" W: 4" H: 2" WT: 2

STOCK #	DESCRIPTION	PRICE
4128-PS	5V & 18-24V Condor	\$12.95



5V @ 3A DC

32V @ 2.5A DC SUPPLY

MFG: CONDOR

P/N: BB512-CP558

Input: 100/115/220/230 VAC 47-440Hz

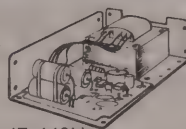
Output #1: 5 V @ 3A Reg #2: 32V @ 2.5A Unreg.

Specifications/Features:

Open frame linear. .5% line/load reg on 5VDC. 32V output is filtered but unregulated. Rated 2.5A @ 50% duty cycle.

H: 7" W: 5" D: 3" WT: 4.2

STOCK #	DESCRIPTION	PRICE
8755-PS	5V & 32V Condor	\$19.95



+5 & +-12 V

SUPPLY

MFG: ASTEC

P/N: AA 12433

Input: 115/230 VAC

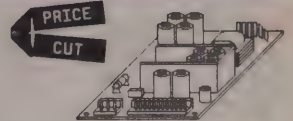
Output #1: +12V @ 2A #2: +5V @ 4A #3: -12V @ .45A

Specifications/Features:

Regulated switching supply. Overvoltage protection on +5V output, 3 terminal (7912) regulator on -12V output. "DC OK" output.

L: 7" W: 4.87" H: 2.5" WT: 1.2

STOCK #	DESCRIPTION	PRICE
4159-PS	+5V, +12V, -12V Astec	\$12.95



+5V & +-12V SUPPLY

MFG: ASTEC

P/N: SA40-1313

Input: 115/240 VAC 50-60Hz

Outputs: #1: +5V @ 5A #2: +12V @ 3A

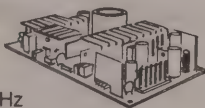
#3: -12V @ .35A

Specifications/Features:

Open switching supply, +5/-4% line/load reg. on +5; +-5% on +12V; +-10% on -12V. Overvoltage protected. Header in/output connectors. UL/CSA/TUV

L: 5" W: 3" H: 1-1/2" WT: .5

STOCK #	DESCRIPTION	PRICE
8699-PS	+5V, +12V, -12V Astec	\$9.95



+5 & +-12 V SUPPLY

MFG: KYOSAN

P/N: KFD40E-01A

Input: 115/230 VAC

Output #1: +5V @ 5A #2: +12V @ 2.5A #3: -12V @ .5A

Specifications/Features:

Switching supply. Overvoltage protection on +5V output, 3 terminal regulators on 12V outputs. LED on +5. .1" right angle header (X3) for outputs. UL Listed.

L: 6-3/8" W: 4" H: 1-7/8" WT: 1

STOCK #	DESCRIPTION	PRICE
7282-PS	+5V, +12V, -12V Kyosan	\$19.95



5V & +- 12V SUPPLY

MFG: POWER GENERAL

P/N: 3045-1

Input: 115/230 VAC 40-63Hz

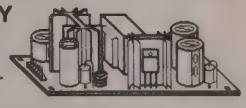
Output #1: +5V @ 3A #2: +12 @ 2A #3: -12 @ .5A

Specifications/Features:

Open switching supply. .5% line, 4% load reg. on +5V. Overvoltage & current protection. 50mV noise/ripple.

L: 5" W: 3" H: 1-3/4" WT: .6

STOCK #	DESCRIPTION	PRICE
7721-PS	5V & +-12V Power Gen.	\$13.95



+5V & +-12V SUPPLY

MFG: TANDY

P/N: 879-3055

Input: 115 VAC 50-60Hz

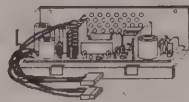
Output #1: +5V @ 2.3A #2: +12V @ 1A #3: -12 @ .04A

Specifications/Features:

Switching supply made for Tandy. Two 8" output cables; 1 has 4 pin molex female the other is a 10 pos. .1" header connector. UL/CSA

L: 8" W: 3" H: 2-3/4" WT: 1.16

STOCK #	DESCRIPTION	PRICE
6478-PS	+5V, +12V, -12V Tandy	\$8.95



+5V & +-12V SUPPLY

MFG: DELTA

P/N: DPS500CP

Input: 120//230 VAC 50-60Hz

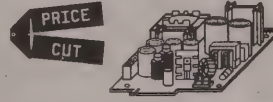
Output 1: +5V @ 4A #2: +12V @ 2A #3: -12V @ .5A

Specifications/Features:

Open switching supply, Overvolt protected on +5, 3-terminal regulator on -5V. .1" Header connector out. .156" Input header UL/CSA/TUV

L: 6-1/4" W: 4" H: 2" WT: 1

STOCK #	DESCRIPTION	PRICE
5875-PS	+5, +12, -12 V Delta	\$12.95



+5V & +-12V SUPPLY

MFG: COMPUTER PRODUCTS

P/N: 70143-03

Input: 115/240 VAC 50-60Hz

Output: #1: +5V @ 2.5A #2: +12V @ 2A

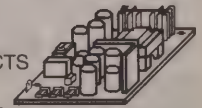
#3: -12V @ .2A

Specifications/Features:

USED switching supply, 4% line/Load reg. +5 output overvoltage protected. Right angle .1" header output connectors. UL/CSA/TUV

L: 6-1/4" W: 4" H: 1-3/4" WT: 1

STOCK #	DESCRIPTION	PRICE
7395-PS	+5V, +12V, -12V Supply	\$9.95



+5V & +-12V SUPPLY

MFG: VALOR

P/N: SC1282

Input: 100-240 VAC 50-60Hz

Output: #1: +5V @ 2.5A #2: +12V @ .5A

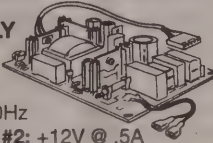
#3: -12V @ .5A #4: -5V @ .5A

Specifications/Features:

Switching supply, +5 output overvoltage protected .8" lead to 6 pin molex output connector, 2" input with insulated female. 250 fastons. UL/CSA/TUV

L: 5-3/4" W: 3-3/4" H: 1-1/4" WT: .7

STOCK #	DESCRIPTION	PRICE
8662-PS	+5V, +12V Valor	\$16.95



+5.1V, +12V +24V SUPPLY

MFG: FENWAL

P/N: 105S61020K

Input: 115 50-60Hz

Outputs: #1 5.1V @ 0.5A #2: 12V @ 0.35 A

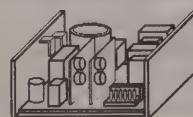
#3 24V @ 3.5A

Specifications/Features:

Used, open frame switching supply. Overcurrent protected. .156" spacing on header pins for input & output.

L: 6-3/4" W: 4-3/4" H: 2" WT: 2

STOCK #	DESCRIPTION	PRICE
4913-PS	5V, 12V, 24V Fenwall	\$14.95



+5V6A & +-12/1A

MFG: POWER-1

P/N: HCAA-60W-A

Input: 100/120/220/240 VAC 47/63 Hz

Output #1: 5V @ 6A

#2: +12V or 15V @ 1A #3: -12V or 15V @ 1A

Specifications/Features:

Linear supply with overvoltage & current protection & remote sense (+5). .05% line reg. .05% load reg 50% change 5mV/P/P ripple. UL/CSA

L: 9" W: 4-7/8" H: 3-1/4" WT: 7.5

STOCK #	DESCRIPTION	PRICE
8619-PS	+5 & +-12V Pwr-1 Supply	\$29.95



+5V & +12V & +-12V SUPPLY

MFG: POWER-1

P/N: SWA200-4100

Input: 115/240 VAC 50-60Hz

Outputs: #1: +5V @ 25A #2: +12V @ 5A

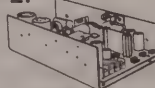
#3: -12V @ 1.5A #4: +12V @ 1.5A

Specifications/Features:

Open switching supply. .5% line, 1% load reg. on +5; .5% line, 5% load on +12V; .1% line, 1% load on +12. Overvoltage protected. Terminal strips. UL/CSA/TUV

L: 10.5" W: 5" H: 2-3/4" WT: 3.5

STOCK #	DESCRIPTION	PRICE
8882-PS	Quad Power-1	\$34.95



+5, +-12V, +24V SUPPLY

MFG: DELTRON

P/N: 10698XC

Input: 110/220 47-63Hz

Outputs: #1: 5V @ 50A

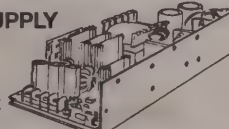
#2: +12V @ 10A #3: -12V @ 5A #4: +24V @ 2A

Specifications/Features:

Open switching supply. .1% line, .1% load (+5V), 2% others. Overcurrent protected. Terminal strip in/out. UL/CSA/TUV listed

L: 13" W: 5" H: 3/4" WT: 5.7

STOCK #	DESCRIPTION	PRICE
8804-PS	5V, +-12V, 24V Deltron	\$39.95



+5, +15V, +-20V SUPPLY

MFG: ELPAC

P/N: EM300-1775

Input: 115/230 47-63Hz

Outputs: #1: 5V @ 50A

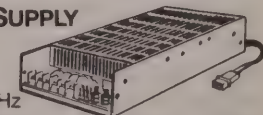
#2: +15V @ 5A #3: +20V @ 1A #4: -20V @ 1A

Specifications/Features:

Enclosed switching supply. .2% line/load on +5V, .6% line, 6% load on +15, .2% line, 1% load on +-20V. Overcurrent protected. Terminal strip out. UL/CSA listed

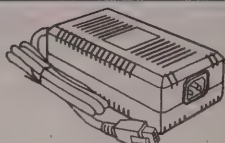
L: 14-1/4" W: 5" H: 2-1/2" WT: 6.2

STOCK #	DESCRIPTION	PRICE
8883-PS	5V, +15, +-20V Elpac	\$39.95



POWER SUPPLIES

+5V & +-12V DESKTOP SUPPLY



P/N: UP3043K-3

Input: 120 VAC 60Hz

Output #1: +5V @ 5A #2: +12V @ 1A #3: -12V @ .5A

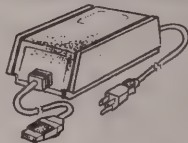
Specifications/Features:

Desktop switching supply with overcurrent limit protection. IEC input AC connector, 6ft output cord with 6 pin connector. UL/CSA/GS listed

L: 6.25" W: 3.4" H: 2" WT: 1.3

STOCK #	DESCRIPTION	PRICE
7940-PS	+5 & +-12VDC Supply	\$11.95

+5V & +-12V DESKTOP SUPPLY



P/N: S25A16N-9-17

Input: 120 VAC 60Hz

Output #1: +5V @ 3A #2: +12V @ .6A #3: -12V @ .2A

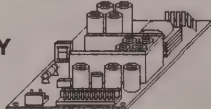
Specifications/Features:

Desktop switching supply with overcurrent limit protection. 1% line, 5% load reg. 6ft. 3 wire AC cord; 7ft output cord with Molex connector. UL/CSA listed

L: 6-1/2" W: 3-3/4" H: 2.5" WT: 2.3

STOCK #	DESCRIPTION	PRICE
8347-PS	+5 & +-12VDC Supply	\$10.95

+5 & +-12V SUPPLY



MFG: ASTEC

P/N: 9355

Input: 115/230 VAC 47-63Hz

Output: #1: +5V @ 6A #2: +12V @ 1.5A
#3: +12V @ 2.1A #4: -12V @ .25A

Specifications/Features:

USED switching supply. Overvoltage protected on +5. overcurrent protected all outputs, CSA

L: 7-7/8" W: 4-1/4" H: 1-7/8" WT: 1.2

STOCK #	DESCRIPTION	PRICE
7394-PS	Used Quad Output Astec	\$9.95

+5 & +-12V SUPPLY



MFG: CONDOR

P/N: VCA 426

Input: 115/230 VAC 47-63Hz

Output: #1: +5V @ 4A #2: -5V @ .2A
#3: +12V @ 3A #4: -12V @ .8A

Specifications/Features:

Removed from new equipment switching supply. Overvoltage protected on +5. overcurrent protected all outputs, UL/CSA/TUV

L: 6-7/8" W: 3-7/8" H: 1-3/4" WT: .9

STOCK #	DESCRIPTION	PRICE
5544-PS	+5V & +-12V Condor	\$19.95

+5V, +24V, +-12V DC SUPPLY



MFG: TOTAL POWER

P/N: HSC 90-42

Input: 115/220 VAC

Output: #1: +5V@8A (OVP) #2: +24V@2A
#3: +12V@1A #4: -12V @ .5A

Specifications/Features: Open frame switching supply, 90W max. You must add jumper to select 115/230V input .256" molex header pins I/O.

L: 7-3/4" W: 4-1/4" H: 2" WT: 1.8

STOCK #	DESCRIPTION	PRICE
4029-PS	Quad Output Total Pwr.	\$21.95

+5.1V, -5V, +13.5V, -12V SUPPLY



MFG: ASTEC

P/N: AA15680

Input: 115/230 VAC 50/60Hz

Output: #1: +5.1V @ 8A #2: +13.5V @ 3.5A
#3: -12V @ 1A #4: -5V @ .7A

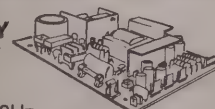
Specifications/Features:

Open switching supply. Over voltage & current protected, UL/CSA

L: 7-3/4" W: 4-1/4" H: 2" WT: 1.4

STOCK #	DESCRIPTION	PRICE
4561-PS	+5.1V, +13.5V, -5, -12 Astec	\$12.95

+5 & +-12V SUPPLY



MFG: KEPSCO/TKD

P/N: MRW150KV

Input: 100-240 VAC 50-60Hz

Output: #1: +5V @ 2.2A #2: +12V @ 1.8A
#3: -12V @ .1A

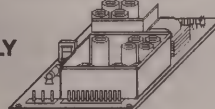
Specifications/Features:

Open switching supply. 1% line reg, 3% load reg on +5V, 5% on +12V, 1% on -12V, Overvoltage protected on +5. overcurrent protected all outputs, UL/CSA/TUV

L: 6-3/4" W: 4" H: 1-1/8" WT: .6

STOCK #	DESCRIPTION	PRICE
8701-PS	Kepco/TKD MWR150-KV	\$19.95

+5 & +-12V SUPPLY



MFG: CONDOR

P/N: SP1112A

Input: 115/230 VAC 47-63Hz

Output: #1: +5V @ 12A #2: +12V @ .4A
#3: -12V @ .4A

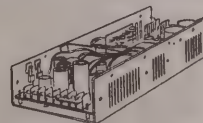
Specifications/Features:

Open switching supply. Overvoltage protected on +5. overcurrent protected all outputs.

L: 7-3/4" W: 4-1/4" H: 2-1/8" WT: 1.7

STOCK #	DESCRIPTION	PRICE
7885-PS	3 Output Condor	\$9.95

+5V, +12V +24V SUPPLY



MFG: ELPAC

P/N: MASS-210-3

Input: 115/230VAC 47-440Hz

Outputs: #1 +5V @ 15A #2: +12V @ 6 A
#3: -12V @ 1A #4: -5V @ .5A

Specifications/Features:

Open frame switching supply. Overcurrent protected. Terminal strip for input & output. UL listed

L: 13" W: 5" H: 3-1/2" WT: 4.2

STOCK #	DESCRIPTION	PRICE
8758-PS	Quad Elpac	\$29.95

+5V & +-15V SUPPLY



MFG: BASLER

P/N: CS0170-9001

Input: 115 VAC 60Hz

Output: #1: +5V @ 20A #2: +15V @ 4A
#3: -15V @ 4A

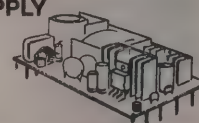
Specifications/Features:

Custom Open frame switching supply. 10 pin AMP output connector on 6" cable. IEC power connector, fuse & switch. UL/CSA Listed

L: 16-1/2" W: 5-1/8" H: 2-5/8" WT: 5

STOCK #	DESCRIPTION	PRICE
4801-PS	Basler Supply	\$19.95

+5V, +12V & 33V SUPPLY



MFG: SGS-THOMSON

P/N: GS25AC-51333

Input: 12 VAC 60Hz

Output: #1: +5.1V @ 3A #2: +12.5V @ .75A #3: +33.3V @ 20mA

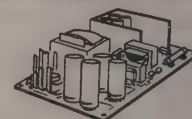
Specifications/Features:

Compact PC mount open switching supply. Overvoltage protected on +5. overcurrent protected all outputs, UL listed.

L: 4" W: 2-3/16" H: 1-1/2" WT: .3

STOCK #	DESCRIPTION	PRICE
8702-PS	SGS-Thomson Supply	\$4.95

+5V, +12V & 5V & 12V SUPPLY



MFG: ASTEC

P/N: AC9252-01

Input: 120/220 VAC 50-60Hz Switch Selectable

Outputs: #1: +12V @ 2.5A #2: +5V @ 6A
#3: 5V @ .5A #4: 12V @ .5A

Specifications/Features:

Outputs 3 & 4 Floating. Open switching supply .156" spacing header pins. UL Listed

L: 7-3/4" W: 4-1/4" H: 2" WT: 1.3

STOCK #	DESCRIPTION	PRICE
7488-PS	Quad Output Astec	\$11.95

+5V, +12V & +-12V SUPPLY



MFG: ASTEC

P/N: AC9355

Input: 120/220 VAC 50-60Hz

Output #1: +5V @ 6A #2: +12V @ 1.5A
#3: +12V @ 2.1A #4: -12V @ .25A

Specifications/Features:

Open switching supply, 2% load reg, (+5 out), 50mV P/P ripple on +5V. .156" spacing header pins.

L: 7-3/4" W: 4-1/4" H: 2" WT: 1.2

STOCK #	DESCRIPTION	PRICE
6526-PS	+5V, Dual +12V, -12V Astec	\$18.95

+5V, +-12V SUPPLY



MFG: FUJI

P/N: PEX535-30

Input: 115/230 VAC 50/60Hz

Output: #1: +5V @ 4A #2: +12V @ 1.1A
#3: -5A @ .4A #4: -12V @ .35A

Specifications/Features:

Open frame switching supply. Over current protection on +5, fused line, header pins for output. UL, CSA, TUV listed

L: 8-5/8" W: 4-1/4" H: 3" WT: 2.2

STOCK #	DESCRIPTION	PRICE
4666-PS	+5V, +-12V Fuji	\$12.95



**CREDIT CARD-COD
ORDERS TAKEN BY PHONE
9:00 AM - 4:30 PM (EASTERN)**

**MONDAY - FRIDAY
CALL**

561-848-8236

ORDERS ONLY

CALL

1-800-652-6733

POWER SUPPLIES

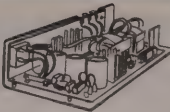
+5V & +12V SUPPLY

P/N: C855
MFG: POWER COMPONENTS
Input: 115/230 VAC 50/60Hz
Output: #1: +5V @ 80A #2: +12V @ 3.5A
#3: -12V @ 3.5A #4: -5V @ 4A

Specifications/Features:

Open frame switching supply. Remote Sense +5. Overcurrent protected, Molex conn. for input. Header socket/buss bar for output. UL/CSA/TUV Listed
L: 15" W: 6-1/2" H: 2-1/2" WT: 6.3

STOCK #	DESCRIPTION	PRICE
7658-PS	Power Components Supply	\$14.95



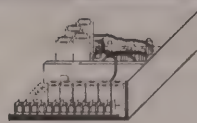
+5V & +15V SUPPLY

MFG: KYOSAN
P/N: KS-170-4
Input: 115/220 VAC 47-440Hz
Output: #1: +5V @ 20A #2: +15V @ 4A
#3: -15V @ 4A #4: -5V @ .5A

Specifications/Features: Open switching supply. .5% Line/ 1% load +5V, 5% others. Overload protected.

L: 10" W: 5-5/8" H: 2-1/2" WT: 3.6

STOCK #	DESCRIPTION	PRICE
4848-PS	+5V, +15V Kyosan	\$24.95



+5V & +15V SUPPLY

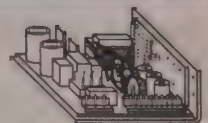
MFG: KYOSAN
P/N: KS130-02
Input: 115/230 VAC 50/60Hz
Output: #1: +5V @ 15A #2: -5V @ .5A
#3: +15V @ 4A #4: -15V @ 3A

Specifications/Features:

Open frame switching supply. Overcurrent protected, terminal strip input/output.

L: 10-1/2" W: 4-7/8" H: 2-1/2" WT: 4

STOCK #	DESCRIPTION	PRICE
4833-PS	+5V & +15V Koysan	\$19.95



+5V, +12V, +24V DC

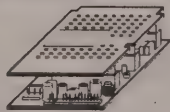
MFG: MATSUSHITA
P/N: ETU-4MR05UP
Input: 110/220 VAC 47-400Hz
Output: #1: +5V @ 1.4-7A #2: +24V @ .3-1.5A
#3: -5V @ .5A #4: +12V @ 2A

Specifications/Features:

Quality switcher. Internal fuse. Jumper selectable 110/220 input. Header pins input/output. UL/TUV listed.

L: 7-3/4" W: 4-1/4" H: 2-1/4" WT: 1.9

STOCK #	DESCRIPTION	PRICE
4489-PS	Quad Output Matsushita	\$24.95



+5V, +12V, +20V SUPPLY

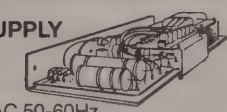
MFG: POWER-1
P/N: CP-291A
Input: 100/120/220/240VAC 50-60Hz
Output #1: +5V @ 5A #2: +12V @ 3.5A
#3: +20V @ .5A #4: -20V @ .5A #5: 7VAC @ .05A

Specifications/Features:

Custom Linear with OVP on all DC outputs. .05% line reg. .05% Load reg. (50% load change). Terminal strip output. Requires 35CFM fan.

L: 12-1/2" W: 5" H: 3-1/2" WT: 8.2

STOCK #	DESCRIPTION	PRICE
7687-PS	Custom Power-1	\$25.95



5 OUTPUT SUPPLY

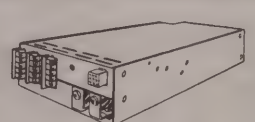
MFG: UNIPOWER
P/N: ES-501
Input: 120/220VAC 50-60Hz (Switch Selectable)
Output #1: 5V @ 25A #2: 15V @ 3.5A
#3: 15V @ 5A #4: +12V @ 8A #5: +12V @ 1.5A

Specifications/Features:

Used, Enclosed switching supply.

L: 14-3/4" W: 5" H: 2-3/4" WT: 6.2

STOCK #	DESCRIPTION	PRICE
7474-PS	Used Unipower Supply	\$29.95



9V 1.7A SUPPLY

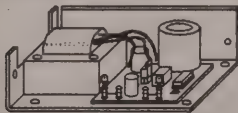
MFG: POWER-1
P/N: HB12-700
Input: 100/120/220/230V 47-63Hz
Outputs: 9V @ 1.7A

Specifications/Features:

Open frame linear supply. Remote sense, Over volt & current protected, .5% line, .5% load reg (50% change). UL listed

L: 4-7/8" W: 4" H: 2-1/4" WT: 2.3

STOCK #	DESCRIPTION	PRICE
5326-PS	9V @ 1.7A Power One	\$19.95



12V 6.8A SUPPLY

MFG: ACME/
STANDARD PWR.
P/N: SPWS1268
Input: 100/120/220/230/240V 47-63Hz
Outputs: 12V @ 6.8A

Specifications/Features:

Open linear supply. Over volt & current protected, .05% line, .05% load reg (50% change). 5mV P/P ripple/noise. Factory installed wire harness. UL/CSA/TUV listed

L: 9" W: 4-7/8" H: 3-1/4" WT: 7.5

STOCK #	DESCRIPTION	PRICE
8618-PS	12V @ 6.8A Acme	\$49.95



12V @ 4.2A SUPPLY

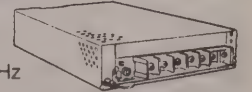
MFG: MATSUSHITA
P/N: ETU-12K42
Input: 120 VAC 47-440Hz
Output: 12V @ 4.2A

Specifications/Features:

Enclosed switching supply. Overvoltage & short circuit protected. Terminal strip for input & output. UL/CSA listed

L: 6-1/4" W: 3-3/4" H: 1-1/2" WT: .76

STOCK #	DESCRIPTION	PRICE
8658-PS	12V 4.2A Matsushita	\$29.95



12V @ 3A SUPPLY

MFG: POWER GENERAL
P/N: 1040-2A/E-6095
Input: 115/230 VAC 40-63Hz
Output: 12V @ .6-3A

Specifications/Features:

Open switching supply, 16 mS hold up @ 80% load, .5% line regulation, 1% P/P Max. ripple/noise. Output adjustable +-10%. Overload protected, UL/VDE

L: 5" W: 3" H: 2" WT: .6

STOCK #	DESCRIPTION	PRICE
5295-PS	12V 3A Power General	\$19.95



12V 1.2A MODULAR SUPPLY

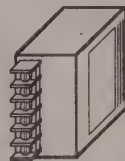
MFG: COMPUTER PROD.
P/N: HM303E
Input: 230 VAC 50-60Hz
Output : 12V @ 1.25A

Specifications/Features:

Modular switching supply. Overcurrent protected. .05% line, .1% load reg. 1500 VAC isolation

L: 6-7/8" W: 3-7/8" H: 1-3/4" WT: 1

STOCK #	DESCRIPTION	PRICE
5552-PS	230VAC Input Comp. Prod.	\$10.95



12V @ 1.2A DESKTOP SUPPLY

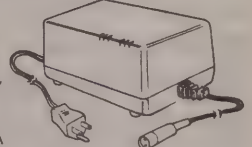
MFG: MP for SYMBOL
P/N: T60R-J1200-O/SY
Input: 117 VAC 60Hz
Output : 12VDC @ 1.2A

Specifications/Features:

Desktop linear supply. Overvoltage & current limit protected. 6ft, 3 wire std. AC plug, 6ft mini "ZIP" output cord with custom 2 pin connector. UL/CSA listed

L: 4-3/4" W: 3" H: 2-5/8" WT: 2.2

STOCK #	DESCRIPTION	PRICE
8700-PS	12V 1.2A Desktop	\$12.95



12V 2.5A SUPPLY

MFG: COSEL
P/N: P30E-12-XKOD
Input: 100-240V 50/60Hz
Outputs: 12V @ 2.5A

Specifications/Features:

Open switching supply. Over volt & current protected, .4% line, .8% load reg. 1% P/P ripple/noise. UL/CSA/TUV listed.

L: 4-7/8" W: 3-3/4" H: 1-7/8" WT: .7

STOCK #	DESCRIPTION	PRICE
8339-PS	12V @ 2.5A Cosel	\$15.95



12V @ .8A SUPPLY

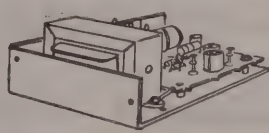
MFG: ACME
/STD. PWR.
P/N: SPS15-12
Input: 115/230V 47-440Hz
Outputs: 12V @ .8A

Specifications/Features:

Open frame linear supply. Over current protected, .5% line, .5% load reg (50% change). UL listed

L: 4-7/8" W: 4" H: 2-1/4" WT: 2.3

STOCK #	DESCRIPTION	PRICE
8663-PS	12V @ .8A Acme	\$14.95



+ & -12V @ 2A SUPPLY

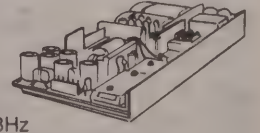
MFG: LAMBDA
P/N: LWD50-1212
Input: 100-240V 47-63Hz
Outputs: #1: +12V @ 2A #2: -12V @ 2A

Specifications/Features:

Open "L" frame switching supply. Over current protected, .1% line, 2% load reg. 150mV P/P noise/ripple. UL/CSA/TUV listed

L: 6-3/8" W: 3-7/8" H: 1" WT: .81

STOCK #	DESCRIPTION	PRICE
8794-PS	+&-12V @ 2A Lambda	\$24.95



POWER SUPPLIES

13.6V @ 1.9A DESKTOP SUPPLY

MFG: LEXMARK
P/N: 1369571

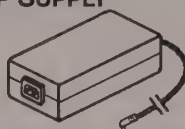
Input: 100-240 VAC 50-60Hz

Output: 13.6VDC @ 1.9A

Specifications/Features:

Desktop switching supply. Overvoltage & current limit protected. IEC input AC connector, 6ft output cord with 2mm ID Coaxial conn. center contact negative. UL/CSA listed

L: 5" W: 2-1/2" H: 1-1/2" WT: .9



STOCK #	DESCRIPTION	PRICE
7908-PS	13.6V 1.9A Desktop	\$13.95

14V MINI SUPPLY

MFG: FIX

P/N: YW-350029/TI

Input: 115 VAC 60Hz

Output #1: 14V DC @ 20mA #2: 24V AC @ 30mA

Specifications/Features:

Unregulated PC board supply with Zener diode for regulation on DC out. 1/4" quick connect input terminals, 8" wire leads for output. UL

L: 2-3/4" W: 1-3/8" H: 1-1/4" WT: .3



STOCK #	DESCRIPTION	PRICE
5669-PS	14V & 24V FIX Supply	\$2.50

15V @ 1.3A DESKTOP SUPPLY

MFG: ZEOS

P/N: EYST060MA

Input: 100-240 VAC 50-60Hz

Output: 15VDC @ 1.33A

Specifications/Features:

USED Desktop switching supply with overvoltage & current limit protection. 1% line, 5% load reg. IEC input AC connector, 6ft output cord with 2mm ID Coaxial conn. center contact positive. UL/CSA listed

L: 4-5/8" W: 2-1/4" H: 1-5/8" WT: .66



STOCK #	DESCRIPTION	PRICE
7719-PS	15V 1.3A Desktop	\$14.95

15V 4.3A SUPPLY

MFG: SKYNET

P/N: SNP-106A

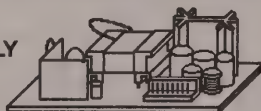
Input: 110/220 VAC 47-63Hz

Output: 15V @ 4.3A

Specifications/Features:

Open switching supply. .5% line/load reg. 100mV/P noise/Ripple. Over load and over voltage protected. .156" molex header terminals.

L: 6" W: 3-1/2" H: 1-3/4" WT: .7



STOCK #	DESCRIPTION	PRICE
6960-PS	15V @ 4.3A Skynet	\$29.95

15V 4.5A SUPPLY

MFG: CONDOR

P/N: HN15-4.5-A+

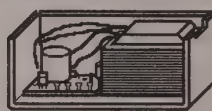
Input: 100,120,215,230-240 VAC 47-63Hz

Output: 15V @ 4.5A

Specifications/Features:

Open frame linear supply. Load reg: .05% (50% change) Line Reg: .05% (10% change). Remote Sense & Overcurrent protected. UL/CSA/TUV listed

L: 7/8" W: 4-7/8" H: 2" WT: 7.2



STOCK #	DESCRIPTION	PRICE
8611-PS	15V @ 4.5A Condor	\$29.95

15V @ 3.3A SUPPLY

MFG: TAMURA

P/N: FES-503

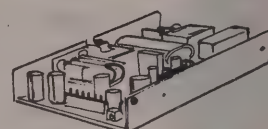
Input: 100/240VAC 47/63Hz

Output: 15V @ 3.3A

Specifications/Features:

Open switching supply. Overcurrent protected. Header pins for input & output. UL/CSA Listed

L: 7-1/8" W: 3-3/4" H: 1-1/8" WT: 1.2



STOCK #	DESCRIPTION	PRICE
7953-PS	15V @ 3.3A Tamura	\$19.95

+15V & +5V SUPPLY

MFG: SIERRACIN

P/N: AC1114

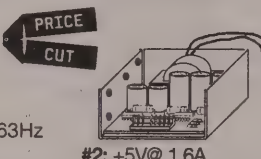
Input: 115 VAC 47-63Hz

Output: #1 +15V @ 2A

Specifications/Features:

Linear supply. .15% line/load regulation, foldback current limit. .156" spacing header pins output. UL/CSA listed.

L: 6-1/2" W: 4-1/2" H: 2-3/4" WT: 3.2



STOCK #	DESCRIPTION	PRICE
4733-PS	+15V & +5V Sierracin	\$14.95

+-15V 1.5A SUPPLY

MFG: POWER-ONE

P/N: HBB15-1.5-A

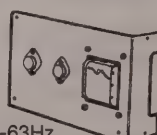
Input: 100/110/220/230 VAC 47-63Hz

Output #1: +15V @ 1.5A #2: -15V @ 1.5A

Specifications/Features:

Open frame linear supply. .05% line reg, .05% load reg (50% change). Resettable to +-12V @ 1.7A out Remote sense. UL/CSA/TUV Listed

L: 7" W: 4-7/8" H: 3" WT: 4.2



STOCK #	DESCRIPTION	PRICE
8321-PS	+-15V @ 1.5A Power-1	\$29.95

DUAL

15 V SUPPLY

MFG: LH RESEARCH

P/N: IM502-33

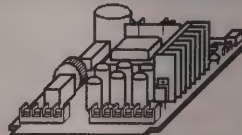
Input: 115/230 VAC

Output #1: 15V @ 2.7A #2: 15V @ 1A

Specifications/Features:

Switching supply. Overvoltage protection on 15V @ 2.7A output. 44Pin .1" space edge board connector & terminal strip for In/Out. UL/CSA/TUV Listed.

L: 7-3/4" W: 4-3/4" H: 2-2/4" WT: .2



STOCK #	DESCRIPTION	PRICE
7362-PS	Dual 15VDC Supply	\$16.95

+-15V .8A SUPPLY

MFG: COMPUTER PRODUCTS

P/N: PL160

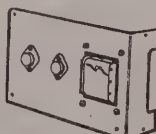
Input: 115/230 VAC 47-440Hz

Output #1: +15V @ .8A #2: -15V @ .8A

Specifications/Features:

Open frame linear supply. .05% line reg, 1% Line/1% load reg, Remote sense on +15V. UL/CSA Listed

L: 6-1/2" W: 4" H: 3" WT: 2.9



STOCK #	DESCRIPTION	PRICE
7884-PS	+-15V @ .8A Comp. Pwr.	\$18.95

36V @ 3A SUPPLY

MFG: POWERMATE

P/N: ES-36F

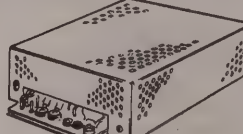
Input: 120/230 VAC 47-440 Hz.

Output: 36V @ 3A

Specifications/Features:

Enclosed switching supply. .1% line/loadreg, (50% load change), fold-back current limit. UL/CSA listed

L: 7-1/8" W: 4-7/8" H: 2-3/4" WT: 2.1



STOCK #	DESCRIPTION	PRICE
8884-PS	36V @ 3ADC Powermate	\$29.95

+18VDC POWER SUPPLY

MFG: POWER SOLUTIONS

P/N: AJ-625U-D88

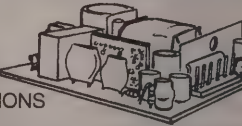
Input: 100-250VAC 50/60Hz

Outputs: #1: +18V @ .7A #2: -18V @ .7A

Specifications/Features:

Compact open frame switching supply. Header pins for Input & Output. UL/CSA/TUV Listed.

L: 3-5/8" W: 2-1/2" H: 1-1/8" WT: .4



STOCK #	DESCRIPTION	PRICE
8597-PS	+-18VDC Supply	\$12.95

20V @ 4A SUPPLY

MFG: DELTROL

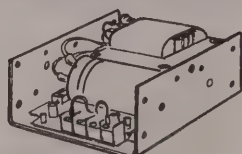
P/N: Q20-4

Input: 120/230 VAC 47-63 Hz.

Output: 20V @ 4A

Specifications/Features: Linear supply. .5% line reg, .05% load reg, (50% load change), fold-back current limit. Over voltage protector. UL listed

L: 7" W: 4-7/8" H: 3-1/8" WT: 7.9



STOCK #	DESCRIPTION	PRICE
8343-PS	20V @ 4ADC Deltrol	\$24.95

24V @ 2.4A SUPPLY

MFG: POWER-1

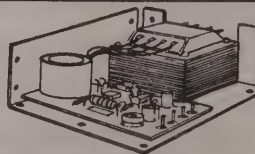
P/N: HC24-2.4A

Input: 100/120/220/230 VAC 47-63 Hz.

Output: 24V @ 2.4A

Specifications/Features: Linear supply. .05% line reg, .05% Line/.05% load reg, (50% load change), remote sense, fold-back current limit. UL/CSA/TUV.

L: 5-5/8" W: 4-7/8" H: 3" WT: 4.5



STOCK #	DESCRIPTION	PRICE
8773-PS	24V @ 2.4ADC Power-1	\$39.95

48V @ 1A SUPPLY

MFG: POWER-1

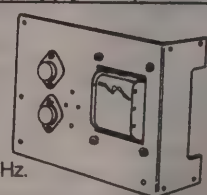
P/N: HC48-1

Input: 120/230 VAC 47-440 Hz.

Output: 48V @ 1A

Specifications/Features: Linear supply. .05% line reg, .05% Line/.05% load reg, (50% load change), fold-back current limit.

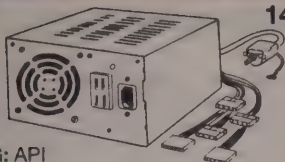
L: 5-5/8" W: 4-7/8" H: 3" WT: 4



STOCK #	DESCRIPTION	PRICE
7655-PS	48V @ 1ADC Power-1	\$29.95

COMPUTER POWER SUPPLIES

140W COMPUTER SUPPLY



MFG: API
P/N: API-9202
Input: 100 VAC 50/60Hz
Output #1: +5V @ 18A #2: +12V @ 3.4A
 #3: -5V @ .3A #4: -12 @ .3A
L: 6" **W:** 6" **H:** 3-3/8" **WT:** 3.2

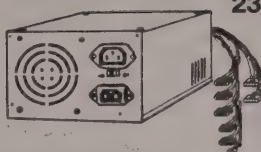
Specifications/Features:

100VAC input

140W supply for P.C. systems. IEC input power connector, 16" Cable with remote power switch. P-1 & P-2 mother board connectors & 4 molex full size 4 pin connectors. 2 polarized 2 wire 100VAC outlets for aux equipment. Internal fan.

STOCK #	DESCRIPTION	PRICE
8388-PS	140W 100VAC Input P.C. Supply	\$7.95

230W MINI P/C SUPPLY



MFG: LINKWORLD
Input: 115/220V AC 50/60Hz
Output #1: +5V @ 23A #2: +12V @ 8.5A
 #3: -12V @ .5A #4: -5 @ .5A
L: 6" **W:** 6" **H:** 3-1/2" **WT:** 3.3

Specifications/Features:

230W switching supply for computer system. Standard IEC input power connector, 16" Cable for remote power switch (switch not included), Female IEC power connector for monitor. P-1 & P-2 mother board connectors. 5 molex full size 4 pin connectors & 1 mini 4 pin for drives etc. UL/CSA listed.

STOCK #	DESCRIPTION	PRICE
7673-PS	230W Mini P/C Supply	\$36.95

250W P. C. COMPUTER SUPPLY



MFG: A-TOP
P/N: ATP-250U
Input: 110/220 VAC 50-60Hz
Output #1: +5V @ 25A #2: +12V @ 10A
 #3: -12V @ .5A #4: -5 @ .5A
L: 5-3/4" **W:** 6" **H:** 3-1/2" **WT:** 2.5

Specifications/Features:

250W switching supply for P.C. systems. Standard IEC input power connector, Female IEC connector for monitor. 16" Cable for remote power switch (switch not included), P-1 & P-2 mother board connectors & 4 molex 4 pin connectors & 1 mini 4 pin for drives etc. Internal fan. UL listed.

STOCK #	DESCRIPTION	PRICE
7674-PS	250W Mini P/C Supply	\$44.95

230W P. C. COMPUTER SUPPLY



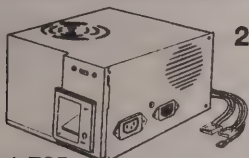
MFG: A-TOP
Input: 115/220V AC 50/60Hz
Output #1: +5V @ 23A #2: +12V @ 9A
 #3: -12V @ .5A #4: -5 @ .5A
L: 7-1/2" **W:** 5-3/4" **H:** 6" **WT:** 4.3

Specifications/Features:

230W supply for AT style P.C. systems. IEC input power connector, power switch, Female IEC monitor power connector. P-1 & P-2 mother board connectors & 4 molex full size 4 pin connectors & 2 mini 4 pin for drives etc. Internal fan. Cord supplied. UL listed.

STOCK #	DESCRIPTION	PRICE
7675-PS	230W AT Style P/C Supply	\$49.95

230W P. C. COMPUTER SUPPLY



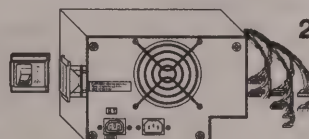
MFG: A-TOP
P/N: ATC-230U
Input: 110/220 VAC 50-60Hz
Output #1: +5V @ 23A #2: +12V @ 9A
 #3: -12V @ .5A #4: -5 @ .5A
L: 9-1/2" **W:** 5-1/2" **H:** 4-3/4" **WT:** 4.3

Specifications/Features:

230W switching supply for XT style P.C. systems. Standard IEC input power connector, power switch, Female IEC connector for monitor. P-1 & P-2 mother board connectors & 4 molex 4 pin connectors & 2 mini 4 pin for drives etc. Internal fan. UL listed.

STOCK #	DESCRIPTION	PRICE
7676-PS	230W XT Style P/C Supply	\$49.95

230W COMPUTER SUPPLY



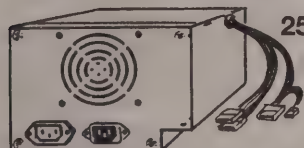
MFG: A-TOP
Input: 110/220 VAC 50-60Hz
Output #1: +5V @ 23A #2: +12V @ 9A
 #3: -5V @ .5A #4: -12 @ .5A
L: 9-1/2" **W:** 6" **H:** 6" **WT:** 4.7

Specifications/Features:

230W supply for full sized AT style P.C. systems. IEC input power connector, power switch, Female IEC monitor power connector. P-1 & P-2 mother board connectors & 4 molex full size 4 pin connectors & 2 mini 4 pin for drives etc. Internal fan. Cord supplied. UL listed.

STOCK #	DESCRIPTION	PRICE
7677-PS	230W Full Sized P/C Supply	\$49.95

250W P. C. COMPUTER SUPPLY



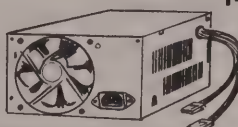
MFG: A-TOP
Input: 110/220 VAC 50-60Hz
Output #1: +5V @ 25A #2: +12V @ 10A
 #3: -12V @ .5A #4: -5 @ .5A
L: 8-1/2" **W:** 6" **H:** 6" **WT:** 5

Specifications/Features:

250W switching supply for Tower style P.C. systems. Standard IEC input power connector, 26" Cable for remote power switch (switch not included), Female IEC connector for monitor. P-1 & P-2 mother board connectors & 4 molex 4 pin connectors & 2 mini 4 pin for drives etc. Internal fan. Cord supplied. UL listed.

STOCK #	DESCRIPTION	PRICE
7678-PS	250W Tower Style P/C Supply	\$49.95

145W COMPUTER SUPPLY



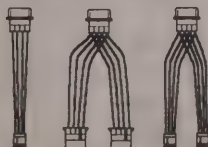
MFG: DELTA
P/N: SNP145DB-A2
Input: 115/220VAC 47-63Hz
Output #1: +5V @ 18A #2: +12V @ 4.2A
 #3: -5V @ 0.3A #4: -12V @ 0.3A
L: 5-3/4" **W:** 6" **H:** 3-3/8" **WT:** 3.4

Specifications/Features:

145W supply for Mini tower P.C. systems. IEC input power connector, Recessed power switch. P-1 & P-2 mother board connectors & 3 molex full size 4 pin connectors & 1 mini 4 pin for drives etc. Internal fan. UL/CSA/TUV listed.

STOCK #	DESCRIPTION	PRICE
7745-PS	145W Computer Supply	\$18.50

DISC DRIVE POWER CABLES



Cables to adapt 4 Pin molex floppy drive power connector to 3-1/2" drive or "Y"s for connecting two drives from one connector.

WT: .044

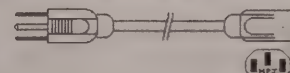
STOCK #	DESCRIPTION	PRICE
7206-CB	5-1/4" to 3-1/2"	\$1.95
7207-CB	5-1/4" to Dual 5-1/4" (Y)	\$1.95
7208-CB	5-1/4" to Dual 3-1/2" (Y)	\$1.95



**CREDIT CARD-COD
 ORDERS TAKEN BY PHONE
 9:00 AM - 4:30 PM (EASTERN)
 MONDAY - FRIDAY**

**CALL
 561-848-8236
 ORDERS ONLY
 CALL
 1-800-652-6733**

COMPUTER POWER CORD



6ft, 18-3 AWG, black PVC jacketed power cords. Standard 3 prong male molded plug on one end, & 3 blade molded IEC female on the other. 120VAC 10A rated.

STOCK #	DESCRIPTION	PRICE ea
7378-WI	Power Cord Special	\$1.89 \$1.75

POWER SUPPLIES



COMPUTER WORK STATION SUPPLY

MFG: COMPAQ
P/N: SMP80HB
Input: 120-240VAC 50-60Hz
Output #1: +5V @ 10A #2: +12V @ 1.5A
 #3: -5V @ 0.3A #4: -12V @ 0.3A
L: 6-3/4" **W:** 3-3/4" **H:** 2-7/8" **WT:** 2.15

Specifications/Features:

Switching supply for work station. Standard IEC input power connector. Recessed push button power switch, P-1 & P-2 mother board connectors. Cable for HDD and one for 3-1/2" Floppy. UL/CSA/TUV listed.



165W COMPUTER SUPPLY

MFG: ASTEC for Unisys
P/N: AA19040
Input: 115/220V AC 50/60Hz
 Universal input
Output #1: +5V @ 24A #2: 12V @ 4A
 #3: -12V @ .4A #4: -5 @ .4A
L: 6-7/8" **W:** 6-1/4" **H:** 3-7/8" **WT:** 4.6

Specifications/Features:

165W switching supply for computer system. Standard IEC input power connector, Female IEC power connector for monitor. Recessed push button power switch, P-1 & P-2 mother board connectors. 3 molex connectors for drives etc. UL/CSA/DE

STOCK #	DESCRIPTION	PRICE
7645-PS	70W Computer Supply	\$8.95

STOCK #	DESCRIPTION	PRICE
6974-PS	165W Computer Supply	\$29.95



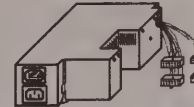
135W P. C. COMPUTER SUPPLY

MFG: ASTEC
P/N: AA19030
Input: 110/220 VAC 50-60Hz
Output #1: +5V @ 20A #2: +12V @ 2.9A
 #3: -12V @ .4A #4: -5 @ .4A fan.
L: 9-1/2" **W:** 4-3/4" **H:** 2-3/4" **WT:** 4.4

Specifications/Features:

135W switching supply for P.C. systems. Standard IEC input power connector, recessed power switch, Female IEC connector for monitor. P-1 & P-2 mother board connectors & 3 molex 4 pin connectors for drives etc. Internal fan.

STOCK #	DESCRIPTION	PRICE
6892-PS	135W Computer Supply	\$19.95



COMPUTER WORK STATION SUPPLY

MFG: GSK
P/N: DL552W
Input: 220V AC 50/60Hz Internal jumper for 115V AC operation
Output #1: +5V @ 5A #2: 12V @ .5A
 #3: -12V @ .3A #4: -5 @ .1A
L: 8-1/2" **W:** 4-3/4" **H:** 2-1/8" **WT:** 2.4

Specifications/Features:

37W switching supply for work station. Internal jumper for 115V use. Standard IEC input power connector, Female IEC power connector for monitor. Push button power switch, P-1 & P-2 mother board connectors. No molex connectors for drives etc.

STOCK #	DESCRIPTION	PRICE
6982-PS	37W Work Station Supply	\$6.95



LAPTOP POWER SUPPLY

MFG: ASTEC
P/N: AA90304
Input AC Adapter: 18V DC +/- 5V
Input Ni-Cad Battery: 11-16V
Output #1: 5V @ 3.5A #2: +12V @ 1.1A
 #3: -12V @ 40mA #4: -26V @ 40mA
 #5: -5V @ 40mA
L: 4-3/4" **W:** 1-3/4" **H:** 3/4" **WT:** .25

Inputs for AC adapter & Ni-Cad battery. 3 way charger provides 11-16V @ 1.7-2A (Rapid), .5-7A (Quick), 50mA-150mA (Trickle). 2 battery temp. sense leads. Logic outputs: POK (outputs in reg.), Bat. L1 (Hi when battery <11.75V), Bat. L2 (Hi when battery <11.30V), Bat. in Use, Bat. Full. Logic inputs: Power Disable (Hi turns off converter) Sw1 & 2 low level signal used to control converter.

STOCK #	DESCRIPTION	1--PRICE ea--10
4786-PS	Laptop Supply	\$14.95 \$9.95



COMPUTER WORK STATION SUPPLY

MFG: HIGH POWER
P/N: HPO-9060
Input: 120 VAC 50-60Hz
Output #1: +5V @ 7.5A
 #2: +12V @ 1.5A #3: -12V @ .3A
 #4: -5 @ .1A
L: 6.75" **W:** 4.5" **H:** 2.5" **WT:** 1.9

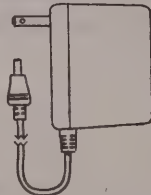
Specifications/Features:

60 Watt work station enclosed switching supply. Standard IEC input power connector. 6" P-1 & P-2 mother board connectors. No molex connectors for drives etc. UL/CSA listed

STOCK #	DESCRIPTION	PRICE
7384-PS	60W Workstation Supply	\$9.95

12V @ 1.5A DC PLUG SUPPLY

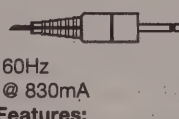
MFG: GLOBTEK
P/N: WD1E1500CCP/WH
Input: 120 VAC 60Hz
Output: 12 VDC @ 1.5A
Specifications/Features:
 6ft. "zip" cord with coaxial plug on end, center contact positive. 2mm ID inner sleeve. UL/CSA Listed
H: 3-1/4" **W:** 2-1/2" **D:** 2-3/16" **WT:** 1.62



STOCK #	DESCRIPTION	PRICE
8637-PD	White 12VDC/1.5A Supply	\$4.95
8638-PD	Black 12VDC/1.5A Supply	\$5.95

12V @ 830MA AC PLUG TRANSFORMER

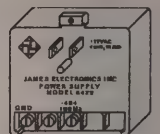
MFG: APPLIED
P/N: DV1283
Input: 110 VAC 60Hz
Output: 12 VAC @ 830mA
Specifications/Features:
 6ft. mini "zip" cord with 2.5mm mini phone plug on end
H: 2-3/4" **W:** 2" **D:** 1-1/2" **WT:** .6



STOCK #	DESCRIPTION	PRICE
5372-PA	12V @ 830mA AC Applied	\$4.95

48V @ 100 MA DC PLUG SUPPLY

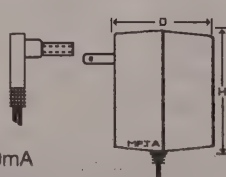
MFG: JAMES
P/N: 6429
Input: 117 VAC 60Hz
Output: 48 VDC @ 100mA
Specifications/Features:
 3 blade input & terminal strip output. Filtered and regulated. Bracket for mounting to outlet plate.
H: 3-3/4" **W:** 3-1/2" **D:** 1-7/8" **WT:** 1.2



STOCK #	DESCRIPTION	PRICE
6561-PD	48V @ 100mA DC James	\$6.95

12V @ 200MA DC PLUG SUPPLY

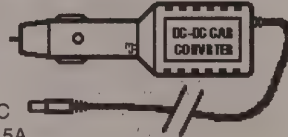
MFG: PANASONIC
P/N: KX-A09
Input: 120 VAC 60Hz
Output: 12 VDC @ 200mA
Specifications/Features:
 6ft. mini "zip" cord with coaxial plug with 2mm ID Negative inner sleeve on end.
H: 2-1/4" **W:** 1-3/4" **D:** 1-5/8" **WT:** .5



STOCK #	DESCRIPTION	PRICE
7268-PD	12V @ 200mA DC Plug	\$4.50

DC/DC CAR CONVERTER

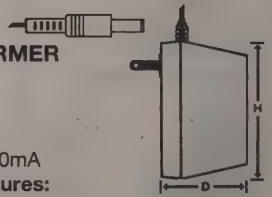
Input: 11-14V DC
Output: 8.6V @ .5A
Specifications/Features:
 Regulated down converter. Cigarette lighter plug input, 6ft. mini ZIP output cord with 2mm ID coaxial plug. Not isolated. Short circuit protected.
L: 4-3/4" **W:** 1-1/2" **H:** 1" **WT:** .2



STOCK #	DESCRIPTION	PRICE
7374-PS	8.6V DC Car Converter	\$2.95

9V 500MA AC PLUG TRANSFORMER

MFG: ATARI
P/N: C061515
Input: 120 VAC
Output: 9 VAC @ 500mA
Specifications/Features:
 2 blade input. 6ft. 2 conductor mini "Zip" cord with 2.5mm ID center sleeve coaxial plug. UL listed
H: 2-3/8" **W:** 2" **D:** 1-5/8" **WT:** .53



STOCK #	DESCRIPTION	PRICE
6866-PA	9V @ .5A AC Atari	\$6.95

POWER SUPPLIES

12V AC PLUG SUPPLY

MFG: ARSTAN (for SyQuest)

P/N: 101816-001

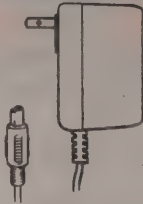
Input: 120VAC 60Hz

Output: 12V AC @ 1A

Specifications/Features:

2 blade input, 6ft black 3 conductor cord with 3 pin mini DIN, UL/CSA listed

H: 3-1/4" W: 2-1/8" D: 2" WT: 1



STOCK #	DESCRIPTION	PRICE
7494-PA	12VAC 1A Plug Supply	\$5.95

12V DC PLUG SUPPLY WITH CIGARETTE SOCKET

MFG: SAMLEX

P/N: SCP48-121000L

Input: 120 VAC

Output: 12VDC @ 1A

Specifications/Features:

2 blade input. Cigarette lighter socket connector for output. Center contact positive. UL/CSA Listed

H: 4-1/8" W: 2-1/4" D: 1-7/8" WT: 1.1



STOCK #	DESCRIPTION	PRICE
7500-PD	12V @ 1A Samlex	\$12.95

12V @ 1.5A DC PLUG SUPPLY

MFG: GLOBTEK

P/N: WD1E1500CCP/WH

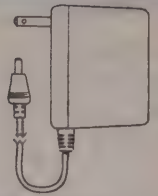
Input: 120 VAC 60Hz

Output: 12 VDC @ .5A

Specifications/Features:

6ft, "zip" cord with right angle coaxial plug on end, center contact positive. 2mm ID inner sleeve

H: 3-1/4" W: 2-1/2" D: 2-3/16" WT: 1.62



STOCK #	DESCRIPTION	PRICE
8637-PD	White 12VDC @ 1.5A	\$4.95
8638-PD	Black 12VDC @ 1.5A	\$5.95

12V @ .3A DC PLUG SUPPLY

MFG: STETRON

P/N: AM-12300

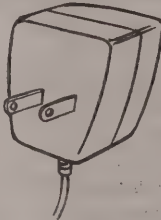
Input: 120VAC 60Hz

Output: 12V @ .3A

Specifications/Features:

Std. 2 blade plug, 6ft, 2 conductor output "Zip" cord with stripped & tinned end. UL/CSA listed

H: 2-1/8" W: 2" D: 1-5/8" WT: .5



STOCK #	DESCRIPTION	PRICE
8330-PD	12VDC 300mA Plug Supply	\$2.95

24V AC PLUG SUPPLY

MFG: CONFAB

P/N: C91G003

Input: 120VAC 60Hz

Output: 24V AC 416mA

Specifications/Features:

2 blade input, 6ft brown 3 conductor cord UL listed

H: 2-1/2" W: 2" D: 1-3/4" WT: .72



STOCK #	DESCRIPTION	PRICE
7421-PA	24V AC Confab	\$3.95

9VAC 3.4A PLUG SUPPLY

P/N: DV9034A

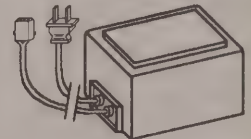
Input: 120 VAC

Output: 9 VAC @ 3.4A

Specifications/Features:

6ft power cord with Std. 2 blade plug, 2 conductor output "Zip" cord. UL/CSA listed

H: 3-1/2" W: 2-3/4" D: 2-5/8" WT: 2.22



STOCK #	DESCRIPTION	PRICE
7541-PA	9V @ 3.4A AC Plug Trans.	\$9.95

UNIVERSAL 300MA PLUG SUPPLY

P/N:

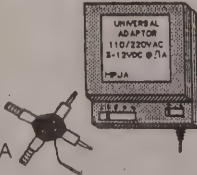
Input: 110 VAC

Output: 3-12 VDC @ 300mA

Specifications/Features:

Selectable 3,4,5,6,7,5,9,12 VDC out, selectable polarity, 1/8" & 3/32" phone plug, 3.5mm, 5mm coaxial.

H: 2-3/4" W: 1-7/8" D: 1-5/8" WT: .5



STOCK #	DESCRIPTION	PRICE
3807-PD	300mA Universal	\$5.00

48V DC PLUG SUPPLY

MFG: JEROME for HARRIS

P/N: PIDB-246

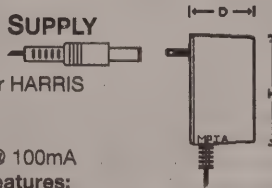
Input: 120 VAC

Output: 48VDC @ 100mA

Specifications/Features:

2 blade input. 6ft, 2 conductor "Zip" cord with 2mm ID center sleeve coaxial plug (Center positive).

H: 2-1/4" W: 2" D: 1-3/4" WT: .56



STOCK #	DESCRIPTION	PRICE
7689-PD	48VDC Jerome	\$3.95

9.5V 4.2A AC DESKTOP TRANSFORMER

MFG: ATARI

P/N: C061636

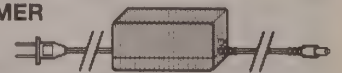
Input: 120 VAC

Output: 9.5 VAC @ 4.2A

Specifications/Features:

2 blade, non-polarized 6ft. AC cord. 6ft, 2 conductor "Zip" output cord with Coaxial plug/3mm ID. UL

H: 3-1/2" W: 2-7/8" D: 2-1/2" WT: 2.8



STOCK #	DESCRIPTION	PRICE
6691-PA	9.5V @ 4.2A AC Atari	\$9.95

1.5V 130 MA DC

MFG: ICC

P/N: 2-375

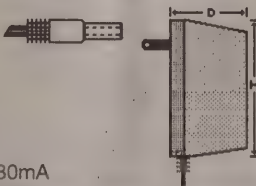
Input: 120 VAC 60Hz

Output: 1.5 VDC @ 130mA

Specifications/Features:

Battery charger with 6ft, mini "zip" cord, coaxial plug with 2mm ID center sleeve (Center positive).

H: 2-1/8" W: 1-7/8" D: 1-7/6" WT: .3



STOCK #	DESCRIPTION	PRICE
4071-PD	1.5V @ 130mA DC ICC	\$2.95

UNIVERSAL 1A PLUG SUPPLY

Input: 110/220 VAC

Output: 1.5-12V DC @ 1A

Specifications/Features:

Selectable 1.5,3,4,5,6,7,5,9,12 VDC out, 5' cord, selectable polarity, 1/8" & 3/32" phone plug, 3.5, 5, & 6mm OD coax, 9V clip, LED power light.

H: 3-7/8" W: 2-5/8" D: 2" WT: 1



STOCK #	DESCRIPTION	PRICE
3809-PD	1A Universal	\$8.95

6/12V BATTERY CHARGER

MFG: EMCO

P/N: PS-612

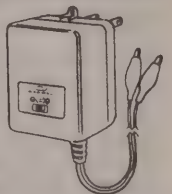
Input: 115VAC 60Hz

Output: 6 or 12VDC @ .75A

Specifications/Features:

Charges 5 & 10 cell Ni-Cad/Lead Acid batteries found in motor cycles, boats, alarms, toy cars, etc. 2 blade plug. 3ft, red & black "Zip" cord with Alligator clips.

H: 3-1/2" W: 2-1/4" D: 2" WT: .9



STOCK #	DESCRIPTION	PRICE
8706-PD	6/12VDC Plug Charger	\$12.95

12V @ .5A DC PLUG SUPPLY

MFG: PANASONIC

P/N: KX-A11

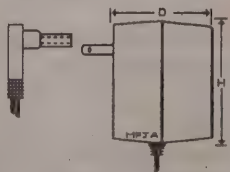
Input: 110 VAC 60Hz

Output: 12 VDC @ .5A

Specifications/Features:

6ft, mini "zip" cord with right angle coaxial plug on end, center contact negative. 2mm ID inner sleeve

H: 2-5/8" W: 2" D: 1-3/4" WT: .6



STOCK #	DESCRIPTION	PRICE
4091-PD	12V @ .5A DC Panasonic	\$4.95

9VDC .2A PLUG SUPPLY

MFG: ENG

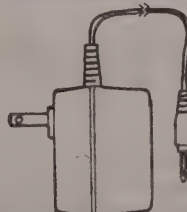
Input: 120 VAC

Output: 9 VDC @ .2A

Specifications/Features:

Std. 2 blade plug, 6ft, 2 conductor output "Zip" cord with 2.5mm phone plug (Tip +)

H: 2-1/8" W: 1-5/8" D: 1-1/2" WT: .37



STOCK #	DESCRIPTION	PRICE
8796-PD	9VDC @ .2A Plug Trans.	\$3.50

6V @ .2A DC PLUG TRANSFORMER

MFG: CITIZEN

P/N: BA-601

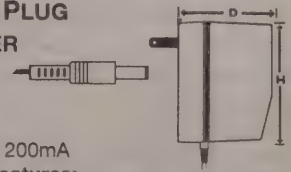
Input: 120 VAC

Output: 6 VDC @ 200mA

Specifications/Features:

2 blade input. 6ft, 2 conductor cord with 1mm ID, 3.5mm OD coaxial plug with center sleeve Negative UL listed

H: 2-3/8" W: 2" D: 1-1/2" WT: .58



STOCK #	DESCRIPTION	PRICE
7449-PD	6V @ .2A DC Citizen	\$4.95

POWER SUPPLIES

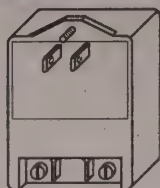
18VAC @ 1A PLUG SUPPLY

MFG: BASLER (for ACRON)
P/N: BE114720CAA (LT030)
Input: 120VAC 60Hz
Output: 18 VAC @ 20VA (1A)

Specifications/Features:

2 blade input & terminal strip output. Bracket for mounting to outlet plate.

H: 3" W: 2-3/8" D: 1-7/8" WT: 1.2



STOCK #	DESCRIPTION	PRICE
7882-PA	18VAC @ 20VA Basler	\$5.95

12V @ 1A PLUG SUPPLY

MFG: SINO-AMERICAN
P/N: A41210

Input: 120 VAC 60Hz

Output : 12VDC @ 1A

Specifications/Features:

Heavy duty, unregulated plug supply with 2 blade input, 6ft output cord with 2mm ID Coaxial connector with center contact positive. UL/CSA listed

H: 3-1/2" W: 2-1/2" D: 2" WT: 1.2



STOCK #	DESCRIPTION	PRICE
8564-PD	12V 1A Wall Supply	\$5.95

17VAC & 40VAC TRANSFORMER

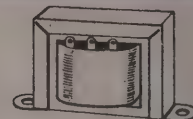
Input: 115/230 VAC 50-60Hz

Output #1: 17V-CT @ .12A #2: 40V-CT @ .04A

Specifications/Features:

Small Transformer with Dual 120V AC 50-60Hz Primaries. 2 center tapped secondaries.

L: 2-3/4" W: 1-5/8" H: 1-5/8" WT: .7



STOCK #	DESCRIPTION	PRICE
7392-TR	Dual CT Transformer	\$2.75

12V DC PLUG SUPPLY

MFG: DVE for Motorola
P/N: SPN4204A

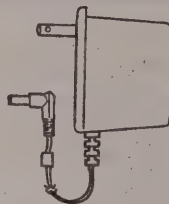
Input: 120VAC 60Hz

Output : 12VDC @ .8A

Specifications/Features:

Removed from new equipment. 2 blade plug. 6ft, 2 conductor output "Zip" cord 6mm OD, 3mm ID right angle Coaxial plug center positive. UL/CSA listed

H: 2-5/8" W: 2-3/8" D: 1-7/8" WT: .84



STOCK #	DESCRIPTION	PRICE
8673-PD	12VDC Plug Transformer	\$4.95

18V AC PLUG SUPPLY

P/N: 4120-1820AC

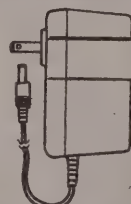
Input: 120VAC 60Hz

Output : 18VAC @ .2A

Specifications/Features:

Std. 2 blade plug. 6ft, 2 conductor output "Zip" cord 3.5mm OD, 2mm ID Coaxial plug. UL listed

H: 3" W: 2-1/8" D: 1-3/4" WT: .65



STOCK #	DESCRIPTION	PRICE
8613-PA	18VAC Plug Transformer	\$5.95

DUAL 15V TRANSFORMER

MFG: TRIAD

P/N: F-3143XP

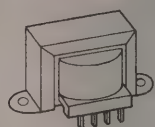
Input: 115/230 VAC 50-60Hz

Output #1: 15 VAC @ .15A #2: 15 VAC @ .15A

Specifications/Features:

Dual secondary allows series or parallel connection. for 15 @ .3 or 30V @ .15A. PC mount.

L: 2-3/8" W: 1-1/4" H: 1-7/16" WT: .7



STOCK #	DESCRIPTION	PRICE
7088-TR	Dual 15 V Triad F-3143XP	\$3.50

9VDC 1A PLUG SUPPLY

P/N: ATARI PAG1200

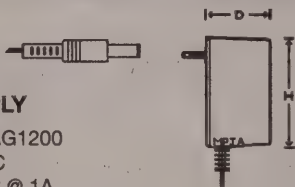
Input: 120 VAC

Output: 9 VDC @ 1A

Specifications/Features:

Std. 2 blade plug. 9ft, 2 conductor output "Zip" cord with center +, 3.5mm OD Coaxial plug UL/CSA listed

H: 2-5/8" W: 2-1/4" D: 1-7/8" WT: .96



STOCK #	DESCRIPTION	PRICE
7567-PD	9VDC @ 1A Plug Trans.	\$2.95

14V DC PLUG SUPPLY

MFG: DVE for Motorola

P/N: SPN4202A

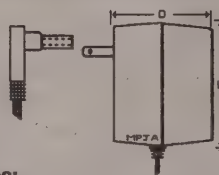
Input: 120VAC 60Hz

Output : 14VDC @ .36A

Specifications/Features:

Removed from new equipment. 2 blade plug. 6ft, 2 conductor output "Zip" cord 3.5mm OD, 2mm ID right angle Coaxial plug center positive. UL/CSA listed

H: 2-3/8" W: 2" D: 1-5/8" WT: .53



STOCK #	DESCRIPTION	PRICE
8657-PD	14VDC Plug Transformer	\$4.95

DUAL 8 VAC TRANSFORMER

MFG: SIGNAL

P/N: ST-6-16

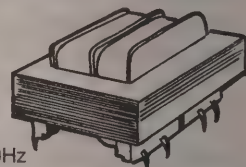
Input: 115 VAC 50-400Hz

Output: Dual 8 VAC @ 1.25A

Specifications/Features:

Dual secondary for 16VAC @ 1.25A series or 8VAC @ 2.5A parallel. P.C. Mount. UL listed

L: 2-5/8" W: 2-3/16" H: 1-9/16" WT: .8



STOCK #	DESCRIPTION	PRICE
8067-TR	Dual 8VAC Signal	\$4.95

12VDC 1A PLUG SUPPLY

MFG: GTE MOBILNET

P/N: 48D-12-1000

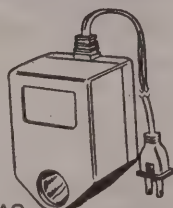
Input: 120 VAC

Output: 12 VDC @ 1A

Specifications/Features:

Cell phone charger/adaptor. 6ft. AC line "ZIP" cord with std. 2 blade plug. Output Cigarette lighter socket on face of unit. UL listed

L: 3-1/2" W: 2" D: 1-7/8" WT: 1.25



STOCK #	DESCRIPTION	PRICE
8705-PD	12VDC @ 1A GTE Charger	\$8.95

12V @ 40MA AC TRANSFORMER

MFG: SPITZNAGEL

P/N: SPK00512001

Input: 115 VAC 50-60Hz

Output: 12 VAC @ 40mA

Specifications/Features:

Lo-profile, P.C. mount sealed transformer. VDE/SEV listed.

L: 1-1/4" W: 1-1/8" H: 5/8" WT: .1



STOCK #	DESCRIPTION	PRICE
8885-TR	12 VAC Transformer	\$1.50

28V & 8V TRANSFORMER

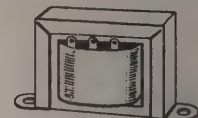
Input: 115/230 VAC 50-60Hz

Output #1: 28VAC @ .4A #2: 8VAC @ .2A

Specifications/Features:

Small Transformer with Dual 120V AC 50-60Hz Primaries. Two secondaries: 28VAC & 8VAC

L: 2-3/4" W: 1-5/8" H: 1-3/4" WT: .8



STOCK #	DESCRIPTION	PRICE
7531-TR	28V & 8V Transformer	\$3.25

2.9V DC BATTERY CHARGER

MFG: NIKKO

P/N: NCO-CS02

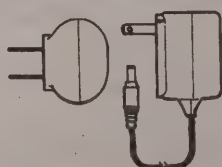
Input: 120VAC 60Hz

Output : 2.9VDC @ .3A

Specifications/Features:

Unfiltered, for charging Ni-Cad cells only. 2 blade plug. 6ft, 2 conductor output "Zip" cord 6mm OD, 2mm ID Coaxial plug center positive. UL/CSA listed

H: 2" W: 1-5/8" D: 1-1/4" WT: .28



STOCK #	DESCRIPTION	PRICE
8797-PD	2.9VDC Nicad Charger	\$3.25

DUAL 10V @ .125A AC TRANSFORMER

MFG: SIGNAL

P/N: LP20-125

Input: 110/220 VAC 50-60Hz

Output: Dual 10 VAC @ .125A

Specifications/Features:

Lo-profile, dual secondary for 20VAC @ .125A series or 10VAC @ .25A parallel P.C. Mount. UL listed

L: 1-7/8" W: 1-9/16" H: 9/16" WT: .3



STOCK #	DESCRIPTION	PRICE
8886-TR	10/20 VAC Transformer	\$2.75

DUAL 12V @ .1A AC TRANSFORMER

MFG: SIGNAL

P/N: LP24-100B27

Input: 110/220 VAC 50-60Hz

Output: Dual 12 VAC @ .1A

Specifications/Features:

Lo-profile, dual secondary for 24VAC @ .1A series or 12VAC @ .2A parallel P.C. Mount. UL listed

L: 1-7/8" W: 1-9/16" H: 9/16" WT: .3



STOCK #	DESCRIPTION	PRICE
7317-TR	12/24 VAC Transformer	\$2.95

TRANSFORMERS

12V CT @ 1A TRANSFORMER

MFG: OKURA
P/N: LP-427

Input: 110/220 VAC 50-60Hz

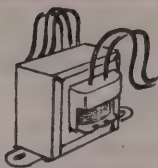
Output: 12V CT (6-0-6) @ 1A

Specifications/Features:

Center tapped secondary allows for use of Half wave, Full wave ctr. tap or Full wave bridge rectifier circuits. 6in. wire leads.

L: 2-3/4" W: 1-1/2" H: 1-5/8" WT: .6

STOCK #	DESCRIPTION	PRICE
7838-TR	12V 1A CT Transformer	\$2.75



12V CT @ 2A TRANSFORMER

MFG: OKURA
P/N: LP-428

Input: 110/220 VAC 50-60Hz

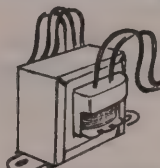
Output: 12V CT (6-0-6) @ 2A

Specifications/Features:

Center tapped secondary allows for use of Half wave, Full wave ctr. tap or Full wave bridge rectifier circuits. 6in. wire leads

L: 3" W: 1-3/4" H: 1-3/4" WT: .9

STOCK #	DESCRIPTION	PRICE
7839-TR	12V 2A CT Transformer	\$2.99



12V CT @ 4A TRANSFORMER

MFG: OKURA
P/N: LP-430

Input: 110/220 VAC 50-60Hz

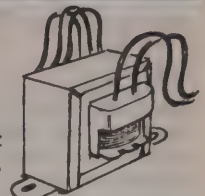
Output: 12V CT (6-0-6) @ 4A

Specifications/Features:

Center tapped secondary allows for use of Half wave, Full wave ctr. tap or Full wave bridge rectifier circuits. 6in. wire leads

L: 4" W: 2" H: 2-1/4" WT: 1.7

STOCK #	DESCRIPTION	PRICE
7840-TR	12V 4A CT Transformer	\$5.75



18V CT @ 1A TRANSFORMER

MFG: OKURA
P/N: LP-433

Input: 110/220 VAC 50-60Hz

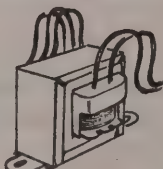
Output: 18V CT (9-0-9) @ 1A

Specifications/Features:

Center tapped secondary allows for use of Half wave, Full wave ctr. tap or Full wave bridge rectifier circuits

L: 3" W: 2" H: 1-3/4" WT: .8

STOCK #	DESCRIPTION	PRICE
7841-TR	18V 1A CT Transformer	\$3.10



18V CT @ 1.5A TRANSFORMER

MFG: OKURA
P/N: LP-435

Input: 110/220 VAC 50-60Hz

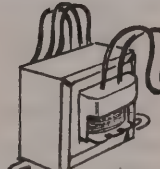
Output: 18V CT (9-0-9) @ 1.5A

Specifications/Features:

Center tapped secondary allows for use of Half wave, Full wave ctr. tap or Full wave bridge rectifier circuits. 6in. wire leads.

L: 3-1/4" W: 2" H: 1-7/8" WT: 1.1

STOCK #	DESCRIPTION	PRICE
7842-TR	18V 1.5A CT Transformer	\$4.37



18V CT @ 2A TRANSFORMER

MFG: OKURA
P/N: LP-437

Input: 110/220 VAC 50-60Hz

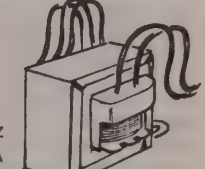
Output: 18V CT (9-0-9) @ 2A

Specifications/Features:

Center tapped secondary allows for use of Half wave, Full wave ctr. tap or Full wave bridge rectifier circuits. 6in. wire leads.

L: 3-1/4" W: 2" H: 1-7/8" WT: 1.1

STOCK #	DESCRIPTION	PRICE
7843-TR	18V 2A CT Transformer	\$4.63



24V CT @ 2A TRANSFORMER

MFG: OKURA
P/N: LP-575

Input: 110/220 VAC 50-60Hz

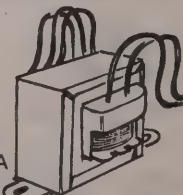
Output: 24V CT (12-0-12) @ 2A

Specifications/Features:

Center tapped secondary allows for use of Half wave, Full wave ctr. tap or Full wave bridge rectifier circuits. 6in. wire leads

L: 3-1/2" W: 2-1/4" H: 2" WT: 1.4

STOCK #	DESCRIPTION	PRICE
7844-TR	24V 2A CT Transformer	\$4.99



24V CT @ 4A TRANSFORMER

MFG: OKURA
P/N: LP-580

Input: 110/220 VAC 50-60Hz

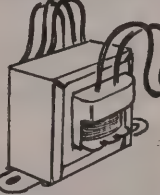
Output: 24V CT (12-0-12) @ 4A

Specifications/Features:

Center tapped secondary allows for use of Half wave, Full wave ctr. tap or Full wave bridge rectifier circuits. 6" Wire leads

L: 3-7/8" W: 2-1/2" H: 2-1/4" WT: 2.3

STOCK #	DESCRIPTION	PRICE
7845-TR	24V 4A CT Transformer	\$8.49



24V CT @ 10A TRANSFORMER

MFG: OKURA
P/N: LP-520

Input: 110/220 VAC 50-60Hz

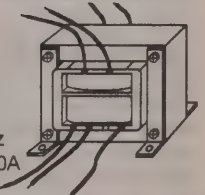
Output: 24V CT(12-0-12) @ 10A

Specifications/Features:

Center tapped secondary allows for use of Half wave, Full wave ctr. tap or Full wave bridge rectifier circuits. 6in. wire leads

L: 3-3/4" W: 3-5/8" H: 3-3/8" WT: 5

STOCK #	DESCRIPTION	PRICE
7846-TR	24V 10A CT Transformer	\$17.99



110/220V 100W TRANSFORMER

MFG: OKURA
P/N: TC-100

Input: 110/220 VAC 50-60Hz

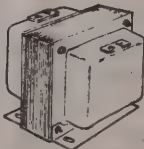
Output: 220/110 @ 100W

Specifications/Features:

Autotransformer type not isolated. 3ft. Cord set allows use as step up or step down. Ideal for sensitive equipment

L: 3-1/2" W: 2-1/2" H: 3-1/8" WT: 2.5

STOCK #	DESCRIPTION	PRICE
7849-TR	100W Auto Transformer	\$12.95



110/220V 200W TRANSFORMER

MFG: OKURA
P/N: TC-200

Input: 110/220 VAC 50-60Hz

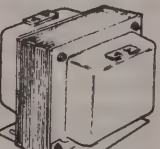
Output: 220/110 @ 200W

Specifications/Features:

Autotransformer type not isolated. 3ft. Cord set allows use as step up or step down. Ideal for sensitive equipment

L: 4" W: 2-1/2" H: 3-1/8" WT: 3.6

STOCK #	DESCRIPTION	PRICE
7850-TR	200W Auto Transformer	\$17.50



110/220V 500W TRANSFORMER

MFG: OKURA
P/N: TC-500

Input: 110/220 VAC 50-60Hz

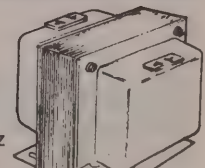
Output: 220/110 @ 500W

Specifications/Features:

Autotransformer type not isolated. 3ft. Cord set allows use as step up or step down. Ideal for sensitive equipment

L: 5" W: 3-3/8" H: 4" WT: 6.9

STOCK #	DESCRIPTION	PRICE
7851-TR	500W Auto Transformer	\$29.95



110/220V 1000W TRANSFORMER

MFG: OKURA
P/N: TC-1000

Input: 110/220 VAC 50-60Hz

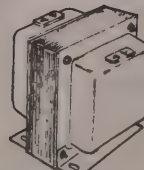
Output: 220/110 @ 1000W

Specifications/Features:

Autotransformer type not isolated. 3ft. Cord set allows use as step up or step down. Ideal for sensitive equipment.

L: 5-1/2" W: 5" H: 6" WT: 16.7

STOCK #	DESCRIPTION	PRICE
7852-TR	1000W Auto Transformer	\$49.95



**CREDIT CARD-COD
ORDERS TAKEN BY PHONE
9:00 AM - 4:30 PM (EASTERN)
MONDAY - FRIDAY
CALL**

**561-848-8236
ORDERS ONLY
CALL
1-800-652-6733**

110/220V 1500W TRANSFORMER

MFG: OKURA
P/N: TC-1500

Input: 110/220 VAC 50-60Hz

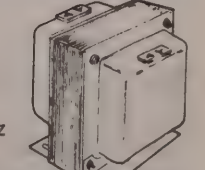
Output: 220/110 @ 1500W

Specifications/Features:

Heavy duty Autotransformer type not isolated. 3ft. Cord set allows use as step up or step down. Ideal for sensitive equipment requiring up to 6A at 220V.

L: 6" W: 5" H: 6-1/8" WT: 19.8

STOCK #	DESCRIPTION	PRICE
7853-TR	1500W Auto Transformer	\$59.95



TRANSFORMERS/FILTERS

230/115 V AC TRANSFORMER

MFG: SIGNAL

P/N: M4L-2-3

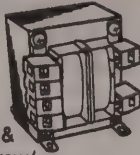
Input: 210/230/250 VAC 50-60Hz

Output: 115 VAC @ 300W (2.6A)

Specifications/Features:

Tapped primary matches US & european line voltages. Shrouded screw/faston terminals. 4000V RMS isolation. May be used as step up from 115 to 230VAC. UL/CSA/VDE Listed.

L: 3-1/2" W: 3-7/8" H: 3-3/4" WT: 7.1



STOCK #	DESCRIPTION	PRICE
8313-TR	Signal M4L-2-3	\$24.95

24/48V AC TRANSFORMER

Custom lo-profile power transformer, dual 115/220 VAC primary, dual secondaries, rated (RMS): series: 48 VAC @ 1.25A, parallel: 24 VAC @ 3A. Copper electro-static shield. 10" leads.

L: 3-7/8" W: 3-1/8" H: 1-1/4" WT: 1.9



STOCK #	DESCRIPTION	PRICE
4567-TR	24/48 VAC Transformer	\$8.95

DUAL 12V @ .4A AC TRANSFORMER

MFG: REGAL

P/N: 430-0017

Input: 110/220 VAC 50-60Hz

Output: Dual 12 VAC @ .4A

Specifications/Features:

Dual secondary for 24VAC @ .42A series or 12VAC @ .8A parallel P.C. Mount.

L: 1-7/8" W: 1-5/8" H: 1-1/2" WT: .6



STOCK #	DESCRIPTION	PRICE
6485-TR	Dual 12VAC Transformer	\$4.95

DUAL 8V @ .75A AC TRANSFORMER

MFG: MAGNETEK

P/N: FP16-750

Input: 110/220 VAC 50-60Hz

Output: Dual 8 VAC @ .75A

Specifications/Features:

Lo-profile, dual secondary for 16VAC @ .75A series or 8VAC @ 1.5A parallel P.C. Mount. UL listed

L: 2-1/2" W: 2" H: 1-1/16" WT: .7



STOCK #	DESCRIPTION	PRICE
8048-TR	8/16 VAC Transformer	\$3.95

LOW PROFILE MODEM TRANSFORMER

Midcom 671-8001, data coupling transformer for modem speeds up to V.29. PC mount, 1:1 turns ratio, Pri. reflects 600 ohm with 470 ohm sec load. Insertion Loss=2.5dB, Freq. Resp. 600-3500Hz = +-1dB. UL/CSA Listed

L: 1" W: 15/16" H: 7/16" WT: .027



STOCK #	DESCRIPTION	PRICE
7124-TR	Midcom Transformer	\$1.35

600 OHM MODEM TRANSFORMER

Tamura TTC-218, PC mount, 600-600 ohm, modem data coupling transformer. Insertion Loss=1.5dB, Freq. response=.3-3.5KHz +- 1.3dB. Used to couple digital data in modems.

L: 7/8" W: 3/4" H: 1/4" WT: .01



STOCK #	DESCRIPTION	PRICE
6550-TR	Tamura Transformer	\$1.50 \$1.35

DUAL 12 VAC TRANSFORMER

MFG: SIGNAL

P/N: DST-2-24

Input: 115/230 VAC 50/60Hz

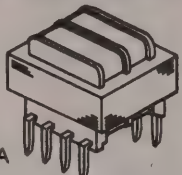
Output: Dual 12 VAC @ .045A

Specifications/Features:

Dual Primary for 115/230 use. Dual secondary for 24VAC @ .045A series or 12VAC @ .09A parallel.

P.C. Mount. UL/CSA listed

L: 1-1/8" W: 1-3/8" H: 1" WT: .16



STOCK #	DESCRIPTION	PRICE
8374-TR	Dual 12VAC Signal	\$2.25

12VAC TRANSFORMER

MFG: TRIAD

P/N: FX192X

Input: 115 VAC 50-60Hz

Output: 12 VAC @ 2A

Specifications/Features:

Chassis mount with 6" leads

W: 4" D: 2-1/8" H: 2-1/2" WT: 2.2

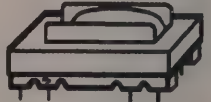


STOCK #	DESCRIPTION	PRICE
8267-TR	24VAC Transformer	\$5.95

600/600 OHM MODEM TRANSFORMER

Midcom 671-8206 PC mount, 600-600 ohm, data coupling transformer for modem speed up to V.32. Insertion Loss=1.5dB, Freq. Resp. 300-3500Hz = +- .5dB.

L: 1-5/8" W: 1-5/16" H: 3/4" WT: .16



STOCK #	DESCRIPTION	PRICE
6347-TR	Midcom Transformer	\$1.95

12V 350MA POWER TRANSFORMER

Stancor filament Transformer with 117V AC 50-60Hz Primary and 12VAC @ 350mA secondary.

L: 2-3/8" W: 1-3/8" H: 1-3/8" WT: .4



STOCK #	DESCRIPTION	PRICE
3896-TR	12VAC Transformer	\$3.25

230/115 V AC TRANSFORMER

MFG: SIGNAL

P/N: M4L-2-3

Input: 100/115/200/230 VAC 50-60Hz

Output: 115 VAC @ 1000W (8.7A)

Specifications/Features:

Tapped primary matches US & european line voltages. Shrouded screw/faston terminals. 4000V RMS isolation. May be used as step up from 115 to 230VAC. UL/CSA/VDE Listed.

L: 5-3/4" W: 4-3/8" H: 5-1/4" WT: 22



STOCK #	DESCRIPTION	PRICE
8687-TR	Signal M4L-3-10	\$59.95

POWER INPUT MODULE

Potter 7100-3-1, snap-in power inlet. Rated: 6A @ 250VAC. Standard male 3 blade IEC cord connector, 6A line filter, fuse holder & input voltage programming card (used to select power transformer taps).

UL/CSA listed. Does NOT contain RFI filter.

W: 2-11/16" H: 1-1/8" D: 1-3/4" WT: .17

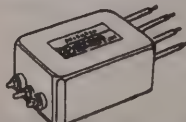


STOCK #	DESCRIPTION	PRICE
8312-FH	Power Input Module	\$3.95

30A EMI FILTER

CORCOM EMI filter, UL & CSA listed, rated: 30A, 115/230 VAC 47-63Hz, IEC component listing rated: 20A @ 115/230 VAC, 47-63Hz, bolt input terminals, 5-1/2" output leads.

L: 3-1/2" W: 3" H: 2-5/8" WT: 2.3

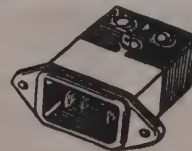


STOCK #	DESCRIPTION	PRICE
3994-FL	30A Filter	\$5.94 \$4.95

6A RFI FILTER

CDE APF600CET, RFI line filter with 3-wire IEC connector, 6A @ 125/250VAC, 50-60Hz, Solder lugs on top for load. UL/CSA/TUV listed.

WT: .08



STOCK #	DESCRIPTION	PRICE
5339-FL	6A Line Filter	\$4.50

POWER INPUT MODULE

Potter 7100-0002, snap-in power inlet. Rated: 6A @ 250VAC. Standard male 3 blade IEC cord connector, 6A line filter, fuse holder & input voltage programming card (used to select power transformer taps).

UL/CSA listed

W: 2-11/16" H: 1-1/8" D: 1-3/4" WT: .17



STOCK #	DESCRIPTION	PRICE
7313-FH	Power Input Module	\$3.50

CHOKES/FILTERS

AC CURRENT TRANSFORMERS

Pioneer Inst. #2-SFT series, switch-board current transformer. Single pass through center yields 5A output @ listed ratio. Frequency range: 50-400Hz, 600V insulation, 1-1/8" dia. center hole, brass output screws.

L: 2-3/8" W: 2" H: 3-1/4" WT: .5

STOCK #	DESCRIPTION	PRICE
3956-TR	90/5A Cur. Transformer	\$8.95
3957-TR	180/5A Cur. Transformer	\$8.95

BUCKING CHOKE



Sony TS-740 bucking coil. Designed to go in series with the AC lines. 2 counter wound coils on a common powered iron core. A spike or noise that is common to both sides of the line is effectively cancelled out. 1A max current.

W: 1/2" D: 7/16" H: 5/8" Wt: .009

STOCK #	DESCRIPTION	PRICE
7534-CH	Sony Bucking Choke	\$1.50

PRE WOUND TOROID CHOKE

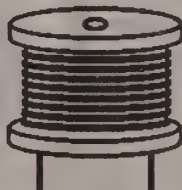


Powdered iron toroid chokes for use in switching supplies, etc. Wound with solid copper wire as listed below.

OD: 1.07" ID: .55" Ht: .46" WT: .3

STOCK #	DESCRIPTION	PRICE
3384-TC	Toroid-73 Turns of #18	\$0.75
3385-TC	Toroid-34 Turns of #16	\$0.75

15A HEAVY DUTY CHOKE



Renco, high current RFI/Filter choke. Rated 100uH, 15A, .1 ohm. 1/2" tinned leads for PC mounting. For switching supplies, power amps etc.

Dia: 1-3/8" Ht: 1" WT: .23

STOCK #	DESCRIPTION	PRICE
6528-CH	100uH 15A Choke	\$2.95

POWDERED IRON TOROID CORE



Micrometals T-80-86 powdered iron toroid core. Perm. =75 @ 10KHz, 450 uH @ 100 turns. For chokes, RFI suppression, supply filtering.

OD: .795" ID: .495" Ht: .25" WT: .02

STOCK #	DESCRIPTION	PRICE
3864-CH	Powdered Iron Toroid	\$0.75

FERRITE SHIELD BEADS



Fair-Rite 2643000101 ferrite shield beads. Type 43 material beads that are placed on component leads to attenuate noise, RF, oscillations etc. Impedance: 21ohms @ 25MHz; 40 @ 100MHz

L: .128" ID: .051" OD: .138" WT: .002/10

STOCK #	DESCRIPTION	PRICE
8795-FL	Ferrite Shield Bead	10/\$1.00

FERRITE TOROID CORE



Fair-Rite # 59-43001301 ferrite toroid core. Type 43 material is recommended for use as suppression material for signals between 30-200 MHz. 2600 gauss @ 12 Oersted. For chokes, RFI suppression, supply filtering.

OD: 1" ID: .61" Ht: .188" WT: .12

STOCK #	DESCRIPTION	PRICE
6868-CH	Fair-Rite Type 43 Toroid	\$1.00

CLAM-SHELL NOISE FILTERS

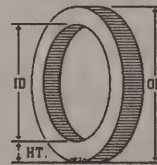


Fair-Rite ferrite snap-on filters. Plastic case with type 43 split core material. Clamps around cable up to .39in Dia. and blocks noise. Frequencies from 1MHz to 100MHz. Permeability=1000, impedance: 120 @ 25MHz 275 @ 100MHz

L: 1-5/16" W: 7/8" H: 7/8" WT: .095

STOCK #	DESCRIPTION	PRICE
8774-FL	Clam Shell Filter	\$2.75

FERRITE TOROID CORE



Fuji® #H45FR38/19/13 ferrite toroid cores. For chokes, RFI suppression, supply filtering.

OD: 1-1/2" ID: 3/4" Ht: 3/8" WT: .12

STOCK #	DESCRIPTION	PRICE
5065-CH	Fuji Toroid	\$1.50

5A BUCKING CHOKE



Pulse PE 62916 bucking coil. Designed for use in power supplies, filters, etc. Connect series with the AC lines. 2 counter wound coils on a common powered iron core. Spikes & noise that is common to both sides of the line are cancelled out. Rated: 5.2A, 4mH, .04ohms/winding.

L: 1-3/8" W: 13/16" H: 1-1/2" Wt: .09

STOCK #	DESCRIPTION	PRICE
8370-CH	Pulse Eng. Choke	\$1.95

3A CHOKE



Pulse PE-92105 high current chokes. Rated 145uH, 3A. 1/2" tinned leads for PC mounting. For switching supplies, power amps, Filters, etc.

L: 1.05" W: 5/8" Ht: 1" WT: .02

STOCK #	DESCRIPTION	PRICE
8368-CH	140uH 3A Choke	\$0.95

PRE WOUND TOROID CHOKE

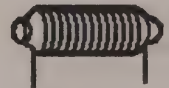


Powdered iron toroid choke for use in switching supplies, etc. Wound with 52 Turns of 20AWG solid copper wire. Rated: 250uH, .09 ohms, 2A

OD: 1.25" ID: .38" W: .54" WT: .09

STOCK #	DESCRIPTION	PRICE
6992-CH	Toroid Choke 250uH	\$0.75

A HEAVY DUTY CHOKE



Dale IH series, 5A, 200uH choke, 3 layers of copper wire on a powdered iron bobbin, 1" tinned leads.

L: 1.75" Dia: .8" WT: .12

STOCK #	DESCRIPTION	PRICE
7491-CH	5A Dale Choke	\$1.25



**CREDIT CARD-COD
ORDERS TAKEN BY PHONE
9:00 AM - 4:30 PM (EASTERN)
MONDAY - FRIDAY**

**CALL
561-848-8236
ORDERS ONLY
CALL
1-800-652-6733**

MINI ADJUSTABLE RF COIL



High quality powdered ferrite, PC mount RF coil, approx. 300uH @ 1KHz.

WT: 0.03

STOCK #	DESCRIPTION	PRICE
0873-VI	Mini Adj. RF Coil	\$0.50

FAN QUICK GUIDE

FAX-BACK #12

Stock #	-Input Power-		-Diminsions (in)-			Weight Lbs.	CFM	Blades	General	Pg
	Volts	Amps	L	W	D					
8707-FN	230AC	.105	4-11/16	4-11/16	1-1/2	1.6	112	5	Etri 125XR2281	35
8053-FN	220AC	14W	3-1/8	3-1/8	1-1/2	1.1	36	5	Papst 8550N	35
8051-FN	220AC	.06	3-1/8	3-1/8	1-1/2	1.2	30	7	Rotron SU3G1Y	35
7389-FN	230AC	-	3-1/8	3-1/8	1-1/2	1.0	20	5	IMC AS230ACAS	35
7742-FN	230AC	6W	3-5/8	3-5/8	1	.6	27	5	Toyo TF92230AL	35
8708-FN	115AC	.27	6-3/4 Dia.		1-1/2	2.3	255	5	Etri 148VK0282	35
0031-FN	115AC	-	4-11/16	4-11/16	1-1/2	1.6	-	-	Used Various	35
8709-FN	115AC	.11	4-11/16	4-11/16	1	1	79	5	Etri 98XH2182	36
8338-FN	115AC	13W	3-3/8	3-5/8	1-1/2	1.1	46	9	EBM W2S086-AA07-02	35
7221-FN	115AC	-	3-5/8	3-5/8	1	.6	-	5	Koala WE2F3C	35
0035-FN	115AC	-	3-1/8	3-1/8	1-1/2	1.5	-	-	Used Various	35
7746-FN	115AC	.08	3-1/8	3-1/8	1-1/2	.9	18	5	IMC 3115FS-12T-B10	35
8887-FN	115AC	.13	3-1/8	3-1/8	1-1/2	.8	30	7	Sonon SF11580A-1083HSL	36
8667-FN	115VC	.06	2-7/16	2-7/16	1-7/16	.5	17	5	Micronel V631L-115A0-101	35
5531-FN	115AC	11W	3	3	2-5/8	1	22	4	Open frame Howard 3-908095	35
7671-FN	115AC	.23	5" sq Blower		2-3/4	1.7	-	-	Used Rotron CB2A-3	35
7947-FN	5DC	.12	1	1	3/8	.02	1.4	5	Elina KDC050210MB8P	36
8501-FN	5DC	.33	2-3/8	2-3/8	1	.12	17	5	Elina	36
5732-FN	5DC	.15	2-3/8	2-3/8	1	.23	12	7	Papst 605-L	36
5275-FN	5DC	-	2-3/8	2-3/8	1	.31	-	5	Space M602505SHS	36
7651-FN	5DC	-	2-3/8	2-3/8	1	.13	8	5	Sunon MD0506PTS3	36
6923-FN	5DC	.27	2-3/8	2-3/8	9/16	.11	12	7	Elina HDF6016L-05MB	36
8621-FN	12DC	1.8	6-3/4 Dia.		2"	2.1	-	5	Rotron JD12H6TDNX	36
7691-FN	12DC	.26	4-11/16	4-11/16	1-1/4	.54	-	5	Rotron MC12T3H	39
5539-FN	12DC	.5	4-11/16	4-11/16	1-5/8	.9	100	5	NMB4715 -ML-012P (35deg)	39
5657-FN	12DC	.5	4-11/16	4-11/16	1-5/8	.9	100	5	NMB4715 -ML-012P (37deg)	39
2512-FN	12DC	.32	4-11/16	4-11/16	1-1/2	2	80	3	Rotron MD12FL	37
4290-FN	12DC	.4	4-11/16	4-11/16	1-1/2	.8	44	5	FCI DC119B-W12L-16	37
5319-FN	12DC	-	4-11/16	4-11/16	1	.6	70	7	NMB 4710 -NL-04W-B30	37
7906-FN	12DC	.52	4-11/16	4-11/16	1	.4	70	5	Nidec TA450DC A32790	36
7937-FN	12DC	-	4-11/16	4-11/16	1	.8	80	7	IMC 4710 -NL 04W-B40	37
7680-FN	12DC	.18	4-11/16	4-11/16	1-1/4	.5	58	5	Rotron MC12E2	38
7747-FN	12DC	2.4W	3-5/8	3-5/8	1-1/4	.4	47	5	Papst 3312	38
5265-FN	12DC	-	3-5/8	3-5/8	1	.4	31	7	NMB 3610 -NL-04W-B10	37
8046-FN	12DC	.11	3-1/8	3-1/8	1	.3	23	7	NMB 3110 -NL-04W-B10	38
7891-FN	12DC	.22	3-1/8	3-1/8	1	.3	-	7	Oriental Computer MD1208	38
7525-FN	12DC	.28	3-1/8	3-1/8	1-1/4	.41	33	5	Comair ST12A3	37
7285-FN	12DC	-	3-1/8	3-1/8	1-1/4	.4	37	5	PPM FBA-09	37
5374-FN	12DC	-	3-1/8	3-1/8	1	.3	23	7	NMB 3110 -NL-04W-B10	37
7690-FN	12DC	.06	2-3/8	2-3/8	1	.3	12	5	Comair FS12H3	38
7487-FN	12DC	.085	2-3/8	2-3/8	1	.16	14	7	Mechatronics F6025L12	37
5262-FN	12DC	-	2-3/8	2-3/8	1	.3	11.6	7	NMB 2410 -NL-04W-B10	36
5919-FN	12DC	.12	2-3/8	2-3/8	1	.22	11	7	Nidec TA225DC	37
6474-FN	12DC	.18	2-3/8	2-3/8	1	.16	14.4	7	Quietek SB012-L	37
4016-FN	12DC	.15	2-3/8	2-3/8	1	.23	10	7	Nidec TA225DC	38
2391-FN	12DC	.18	2-3/8	2-3/8	1	.4	10	7	Air-1 701-0100	37
5528-FN	12DC	.18	2-3/8	2-3/8	1	.23	15	7	Sunon SD1206PTS1	36
8326-FN	12DC	.14	2-3/8	2-3/8	1	.3	19	7	NMB 2410 -04W-B40	38
7880-FN	12DC	.14	2	2	3/8	.2	8	5	Elina KDA120510M	38
7751-FN	12DC	.9W	1-5/8	1-5/8	7/16	.04	6	5	Sunon KDE1204PFS2	36
8377-FN	12DC	.07	1-5/8	1-5/8	3/8	.06	5	5	Elina KDA120410MB	38
8268-FN	12DC	.08	1-9/16	1-9/16	3/4	.06	4.5	5	Elina KDA120420L	38
8661-FN	12DC	.07	2	2	3/8	.1	5	5	Elina KDA120510MB	37
8262-FN	12DC	.09	1	1	3/8	.04	1.3	5	Elina KDA120120MB	39
8784-FN	12DC	1.8	6-3/4 Dia.		2"	2	210	5	Rotron PQ12C8	39
2257-FN	12DC	.09	2-1/2 dia. blade 1-1/2 long Mtr. 1			-	-	4	Canon	37
7892-FN	12DC	.19	3" dia blower 1-3/4			.3	25	-	Nidec Gamma28	36
8620-FN	24DC	.45	4-11/16	4-11/16	1-1/4	.88	-	5	Japan Servo CNDC24K4	39
4964-FN	24DC	.17	3-1/8	3-1/8	1	.4	27	7	Air-1 701-0103	39

FANS

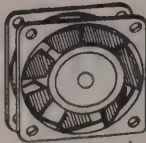
230VAC 3-1/8" FAN

MFG: IMC
P/N: AS230ACAS
VOLTAGE: 230 VAC 50/60Hz
CURRENT: .04A
C.F.M: 20
NO. OF BLADES: 5

Metal frame, plastic blades. 25dB noise level. Solder terminals fit standard fan cord plug. Sleeve bearings. UL/CSA listed.

Sq: 3-1/8" Thk: 1-1/2" WT: 1

STOCK #	DESCRIPTION	PRICE
7389-FN	230VAC 3-1/8" IMC Fan	\$7.95



220V AC 3-1/8" SPRITE FAN

MFG: ROTRON
P/N: SU3G1Y
VOLTAGE: 220 VAC 50/60Hz
CURRENT: .07/.06A
C.F.M: 30
NO. OF BLADES: 7

Metal body & thermoplastic blades, UL CSA listed, 10" leads,

Sq: 3-1/8" Thk: 1-1/2" WT: 1.2

STOCK #	DESCRIPTION	PRICE
8051-FN	220VAC Sprite 3-5/8" Fan	\$7.95



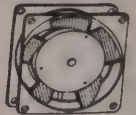
230VAC 3-5/8" FAN

MFG: TOYO
P/N: TF92230AL
VOLTAGE: 230 VAC
WATTS: 6
C.F.M: 27
NO. OF BLADES: 5

Metal frame, plastic blades. 36dB noise level. Solder terminals fit standard fan cord plug. Ball bearings. UL/CSA listed.

Sq: 3-5/8" Thk: 1" WT: .6

STOCK #	DESCRIPTION	PRICE
7742-FN	230VAC Toyo 3-5/8" Fan	\$7.95



220V AC 3-1/8" BOX FAN

MFG: PAPST
P/N: 8550N
VOLTAGE: 230VAC 14W
C.F.M: 36
NO. OF BLADES: 5

Sleeve bearing box fan. Metal blades & housing. 34dB noise, 12" leads. UL/CSA/VDE listed

Sq: 3-1/8" Thk: 1-1/2" WT: 1.1

STOCK #	DESCRIPTION	PRICE
8053-FN	230VAC Papst 3-1/8" Fan	\$5.95



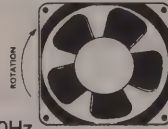
220V AC 4-11/16" BOX FAN

MFG: ETRI
P/N: 125XR2281
VOLTAGE: 208-240 VAC 50/60Hz
CURRENT: .125/.105A
C.F.M: 112
NO. OF BLADES: 5

Metal body & thermoplastic blades. Sleeve bearings. 40db noise. Solder/plug terminals. UL/CSA listed

Sq: 4-11/16" Thk: 1-1/2" WT: 1.6

STOCK #	DESCRIPTION	PRICE
8707-FN	220VAC Etrie 4-11/16" Fan	\$10.95



BARGAIN 115V AC BOX FAN

MFG: VARIOUS
VOLTAGE: 115 VAC
C.F.M: 60
NO. OF BLADES: VARIES

Used, tested, standard box type fans from various vendors. Bargain priced.

Sq: 4-11/16" Thk: 1-1/2" WT: 2

STOCK #	DESCRIPTION	PRICE
0031-FN	Used 115VAC 4-11/16" Fan	\$5.95



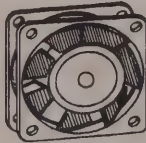
BARGAIN 115V AC MINI FANS

MFG: VARIOUS
VOLTAGE: 115 VAC
CURRENT: 350mA
C.F.M: 30
NO. OF BLADES: VARIOUS

Used, tested, standard mini box fans from various vendors.

Sq: 3-1/8" Thk: 1-1/2" WT: 2

STOCK #	DESCRIPTION	PRICE
0035-FN	Used 115VAC 3-1/8" Fan	\$5.95



115VAC "PEWEE" BOX FAN

MFG: IMC
P/N: 3115 FS-12T-B10
VOLTAGE: 115 VAC
CURRENT: 80 mA
C.F.M: 18
NO. OF BLADES: 5

"Pewee" Boxer with Thermoplastic blades & metal frame. Standard fan plug terminals. Ball bearings. UL/CSA listed.

Sq: 3-1/8" Thk: 1-1/2" WT: .9

STOCK #	DESCRIPTION	PRICE
7746-FN	3-1/8" IMC Fan	\$9.95



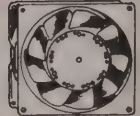
115V AC 3-5/8" FAN

MFG: EBM
P/N: W2S086-AA07-02
VOLTAGE: 115 VAC
CURRENT: 13W
CFM: 46
NO. OF BLADES: 9

Sleeve bearing box fan with metal blades and frame. 45dB noise, 10" leads. UL/CSA/TUV listed

Sq: 3-5/8" Thk: 1-1/2" WT: 1.1

STOCK #	DESCRIPTION	PRICE
8338-FN	115VAC 3-5/8" EBM Fan	\$9.95



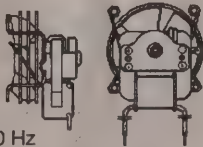
115V AC OPEN FRAME FAN

MFG: HOWARD
P/N: 3-90-8095
VOLTAGE: 115 VAC 50/60 Hz
WATTS: 11
C.F.M: 22

Metal frame & 4 nylon blades. Air flows away from motor. 10" wire leads. UL/CSA listed

Sq: 3" Thk: 2-3/16" WT: 1

STOCK #	DESCRIPTION	PRICE
5531-FN	115VAC Howard	\$6.95



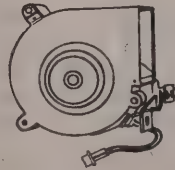
115VAC BLOWER

MFG: ROTRON
P/N: CB2A-3
VOLTAGE: 115 VAC
CURRENT: .23A

USED with Thermoplastic impeller & metal frame. 3" wire leads. Ball bearings. Removable metal bracket

Sq: 5" Thk: 2-3/4" WT: 1.7

STOCK #	DESCRIPTION	PRICE
7671-FN	Used Rotron Blower	\$4.95



115V AC 6" FAN

MFG: ETRI
P/N: 148VK0282
VOLTAGE: 115 VAC 50/60 Hz
CURRENT: .30A/.27A
C.F.M: 255
NO. OF BLADES: 5

UL94V Plastic blades & metal housing. 51dB noise, Plug/solder terminals. Ball bearing. UL/CSA/VDE listed.

Dia: 6.77" max Thk: 1-1/2" WT: 2.3

STOCK #	DESCRIPTION	PRICE
8708-FN	115VAC 6" Etri Fan	\$24.95



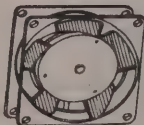
115V AC 3-5/8" FAN

MFG: KOALA
P/N: WE2F3C
WATTS: 9
VOLTAGE: 115VAC
NO. OF BLADES: 5

Metal housing & Plastic blades ball bearing box fan. Standard fan plug terminals. UL/CSA listed

Sq: 3-5/8" Thk: 1" WT: .6

STOCK #	DESCRIPTION	PRICE
7221-FN	115VAC 3-5/8" Koala Fan	\$7.95



CREDIT CARD-COD
ORDERS TAKEN BY PHONE
9:00 AM - 4:30 PM (EASTERN)
MONDAY - FRIDAY

CALL
561-848-8236
ORDERS ONLY
CALL
1-800-652-6733

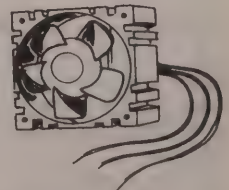
115V AC FAN

MFG: MICRONEL
P/N: V631L-115A0-101
VOLTAGE: 115 VAC 60Hz
CURRENT: 60mA
C.F.M: 17
NO. OF BLADES: 5

Heavy duty aluminum frame & nylon blades. Requires 2.2uF 250VAC cap. Not supplied

Sq: 2.44" Thk: 1.42" WT: .5

STOCK #	DESCRIPTION	PRICE
8667-FN	115VAC Micronel	\$4.95



FANS

115V AC 4-11/16"

BOX FAN

MFG: ETRI

P/N: 98XH2182

VOLTAGE: 115 VAC 50/60Hz

CURRENT: .135/.110A

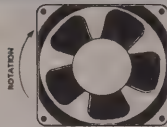
C.F.M: 79

NO. OF BLADES: 5

Metal body & thermoplastic blades. Sleeve bearings. 37db noise. Solder/plug terminals. UL/CSA/VDE listed

Sq: 4-11/16" Thk: 1" WT: 1

STOCK #	DESCRIPTION	PRICE
8709-FN	115VAC Etri 4-11/16" Fan	\$12.95



3-1/8"

115V AC MINI FAN

MFG: SUNON

P/N: SF11580A-1083HSL

VOLTAGE: 115 VAC

CURRENT: .13A

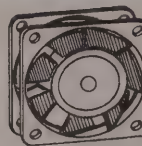
C.F.M: 30

NO. OF BLADES: 7

Metal body & thermoplastic blades. Sleeve bearings. 35db noise. 8" leads. UL/CSA listed

Sq: 3-1/8" Thk: 1-1/2" WT: .74

STOCK #	DESCRIPTION	PRICE
8887-FN	115VAC 3-1/8" Sunon Fan	\$6.95



5V DC 1" MICRO FAN

MFG: ELINA

P/N: KDC050210MB8P

VOLTAGE: 5 VDC

C.F.M: 1.4

CURRENT: .12A

NO. OF BLADES: 5

Brushless DC, ball bearing motor, Plastic blades & housing. 25dB noise, 5" wire leads. UL Listed

Sq: 1" Thk: 3/8" WT: .015

STOCK #	DESCRIPTION	PRICE
7947-FN	5VDC 1" sq. Fan	\$5.95



5V DC 2-3/8" FAN

MFG: SUNON

P/N: MD0506PTS3

VOLTAGE: 5 VDC

CFM: 8

NO. OF BLADES: 5

Small 5V fan with plastic blades and frame. With 12" leads.

Sq: 2-3/8" Thk: 1" WT: .13

STOCK #	DESCRIPTION	PRICE
7651-FN	5VDC Sunon 2-3/8" Fan	\$4.95



5V DC 2.4" FAN

MFG: PAPST

P/N: 605-L

VOLTAGE: 4.5-6 VDC

CURRENT: 150mA

C.F.M: 12

NO. OF BLADES: 7

Plastic blades & housing. 5V DC brushless ball bearing box fan. 26dB noise, 24" leads. UL/CSA/VDE listed

Sq: 2.4" Thk: 1" WT: .23

STOCK #	DESCRIPTION	PRICE
5732-FN	5VDC 2.4" Papst Fan	\$5.95



5V DC 2-3/8" FAN

MFG: SPACE FAN

P/N: M602505HS

VOLTAGE: 5 VDC

NO. OF BLADES: 5

Small 5V fan with plastic blades and frame. With 18" leads.

Sq: 2-3/8" Thk: 1" WT: .31

STOCK #	DESCRIPTION	PRICE
5275-FN	5VDC 2-3/8" Fan	\$5.95



THIN 5V DC 2.4" FAN

MFG: ELINA

P/N: HDF6016L-05MB

VOLTAGE: 5 VDC

CURRENT: .27A

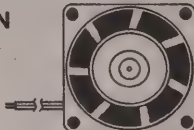
C.F.M: 12

NO. OF BLADES: 7

Plastic blades and frame. 10" leads. 25dB noise. Ball bearings.

Sq: 2.4" Thk: .63" WT: .11

STOCK #	DESCRIPTION	PRICE
6923-FN	5VDC Thin Elina Fan	\$8.95



5VDC 2-3/8" FAN

MFG: ELINA

P/N: KDC050625M

VOLTAGE: 5 VDC

CURRENT: 330mA

C.F.M: 17

NO. OF BLADES: 5

Brushless DC motor, PET (plastic) blades & frame, 10" leads, 25dB Noise. UI/CSA Listed.

Sq: 2-3/8" Thk: 1" WT: .12

STOCK #	DESCRIPTION	PRICE
8501-FN	5VDC 2-3/8" Elina Fan	\$5.95



12V DC 4-11/16" FAN

MFG: NIDEC

P/N: TA450DC A32790

VOLTS: 12 VDC

CURRENT: .52A

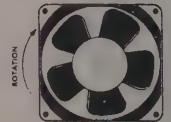
C.F.M: 70

NO. OF BLADES: 5

Box fan with plastic frame & blades. Ball bearings, .110" solderable fan plug terminals.

Sq: 4-11/16" Thk: 1" WT: .4

STOCK #	DESCRIPTION	PRICE
7906-FN	12VDC 4-11/16" Nidec Fan	\$8.95



12VDC BLOWER

MFG: NIDEC

P/N: Gamma 28

VOLTAGE: 12VDC

CURRENT: .19A

CFM: 25

Brushless DC motor, Thermoplastic impeller & frame. 3" wire leads. Ball bearings. Stall warning output lead.

Sq: 3" Thk: 1-1/2" WT: .25

STOCK #	DESCRIPTION	PRICE
7892-FN	Nidec Gamma28 Blower	\$5.95



12V DC 6-3/4" FAN

MFG: COMAIR/ROTRON

P/N: MAJOR DC JD12H6TDNX

VOLTAGE: 12 DC 1.8A

NO. OF BLADES: 5

UL94V Plastic blades & metal housing. 6" leads UL/CSA. Speed/stall sensor

Dia: 6.77"max Thk: 2" WT: 2.1

STOCK #	DESCRIPTION	PRICE
8621-FN	12VDC 7" Comair Fan	\$16.95



12V DC 2-3/8" BOX FAN

MFG: NMB

P/N: 2410- NL-04W-B10

VOLTAGE: 12 VDC

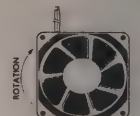
C.F.M: 11.6

NO. OF BLADES: 7

UL94V Plastic blades & housing. 24dB noise. Wire leads. Ball bearing. UL/CSA/ VDE listed.

Sq: 2-3/8" Thk: 1" WT: .3

STOCK #	DESCRIPTION	PRICE
5262-FN	12VDC 2-3/8" NMB Fan	\$12.95



12V DC MICRO FAN

MFG: SUNON

P/N: KDE1204PFS2

VOLTAGE: 12 VDC

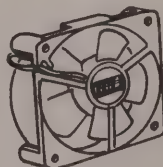
CFM: 6

NO. OF BLADES: 5

Small 12V fan with plastic blades and frame. With 4" leads. For cooling uProcessors etc.

Sq: 1-5/8" Thk: 7/16" WT: .04

STOCK #	DESCRIPTION	PRICE
7751-FN	12VDC Sunon 1-5/8" Fan	\$5.50



**CREDIT CARD-COD
ORDERS TAKEN BY PHONE
9:00 AM - 4:30 PM (EASTERN)
MONDAY - FRIDAY**

561-848-8236

ORDERS ONLY

CALL

1-800-652-6733

12VDC BLOWER

MFG: NIDEC

P/N: Gamma 28

VOLTAGE: 12VDC

CURRENT: .18A

CFM: 9

Brushless DC Ball bearing motor, Thermoplastic impeller & frame. 6" wire leads. Flush motor

Sq: 3" Thk: 1-3/6" WT: .25

STOCK #	DESCRIPTION	PRICE
8380-FN	Nidec Gamma 28 Blower	\$5.95



12V DC 4-11/16" FAN

MFG: FCI
P/N: DC119B-W12L-16
VOLTAGE: 12 VDC
CURRENT: .40A
C.F.M: 44
NO. OF BLADES: 5

Metal frame, plastic blades. 15" leads with spade lugs. Ball bearings.

Sq: 4-11/16" **Thk:** 1-1/2" **WT:** .8



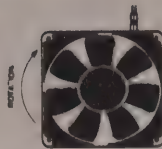
STOCK #	DESCRIPTION	PRICE
4290-FN	12VDC FCI Fan	\$9.95

12V DC 4-11/16" BOX FAN

MFG: IMC
P/N: 4710 -NL-04W-B40
VOLTAGE: 12 VDC
C.F.M: 80
NO. OF BLADES: 7

UL94V Plastic blades & housing. 36dB noise. Wire leads. Ball bearing. 12" Leads.

Sq: 4-11/16" **Thk:** 1" **WT:** .8



STOCK #	DESCRIPTION	PRICE
7937-FN	12VDC 4-11/16" IMC Fan	\$5.95

12V DC 3-1/8" BOX FAN

MFG: NMB
P/N: 3110 -NL-04W-B10
VOLTAGE: 12 VDC
C.F.M: 23
NO. OF BLADES: 7

UL94V Plastic blades & metal housing. 20dB noise. Wire leads. Ball bearing. UL/CSA/ VDE listed.

Sq: 3-1/8" **Thk:** 1" **WT:** .3



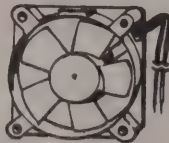
STOCK #	DESCRIPTION	PRICE
5374-FN	12VDC 3-1/8" NMB Fan	\$12.95

12V DC THIN FAN

MFG: ELINA
P/N: KDA120510MB8P
VOLTAGE: 12 VDC
C.F.M: 5
CURRENT: .07A
NO. OF BLADES: 5

Brushless DC, ball bearing motor, Plastic blades & housing. 27dB noise, 4" wire leads. UL Listed

Sq: 2" **Thk:** 3/8" **WT:** .2



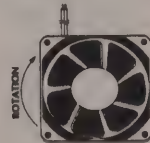
STOCK #	DESCRIPTION	PRICE
8661-FN	12VDC Thin Fan	\$4.95

12V DC 3-5/8" BOX FAN

MFG: NMB
P/N: 3610 -NL-04W-B10
VOLTAGE: 12 VDC
C.F.M: 31
NO. OF BLADES: 7

UL94V Plastic blades & metal housing. 24dB noise. Wire leads. Ball bearing. UL/CSA/ VDE listed.

Sq: 3-1/8" **Thk:** 1" **WT:** .4



STOCK #	DESCRIPTION	PRICE
5265-FN	12VDC 3-5/8" NMB Fan	\$12.95

12V DC 3-1/8" FAN

MFG: PPM
P/N: FBA-09
VOLTAGE: 12 VDC
C.F.M: 37
NO. OF BLADES: 5

Removed from new equipment. Plastic frame & blades. ball bearing, 12" leads.

Sq: 3-1/8" **Thk:** 1-1/4" **WT:** .4



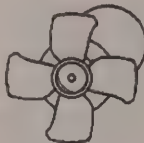
STOCK #	DESCRIPTION	PRICE
7285-FN	12VDC 3-1/8" PPM Fan	\$6.95

12V DC FAN

MFG: CANON
VOLTAGE: 5-18 VDC
CURRENT: 90mA @ 12V
NO. OF BLADES: 4

Reversible DC brush motor with EMI suppression, 1-3/8" dia X 1-1/2" with 2-1/2" dia plastic blade. 12" leads.

L: 1-1/2" **Dia:** 1-3/8" **WT:** 1



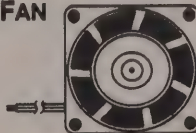
STOCK #	DESCRIPTION	PRICE
2257-FN	12VDC Canon Fan	\$9.00

12V DC 2-3/8" MINI FAN

MFG: NIDEC
C.F.M: 11
P/N: TA225DC-C32770
VOLTAGE: 12 VDC
CURRENT: .12A
NO. OF BLADES: 7

Brushless DC Ball bearing motor, Plastic blades & housing. 41dB noise, 5" wire leads.

Sq: 2-3/8" **Thk:** 1" **WT:** .22



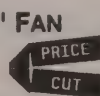
STOCK #	DESCRIPTION	PRICE
5919-FN	12VDC 2-3/8" Nidec Fan	\$5.95

12V DC 2-3/8" FAN

MFG: AIR-ONE
P/N: 701-0100
VOLTAGE: 12 VDC
CURRENT: 180mA
C.F.M: 10
NO. OF BLADES: 7

Ideal for disc drives or equipment where AC is not available. 12" lead

Sq: 2-3/8" **Thk:** 1" **WT:** .4



STOCK #	DESCRIPTION	PRICE
2391-FN	12VDC 2-3/8" Air-1 Fan	\$7.95

12V DC 4-11/16" FAN

MFG: ROTRON
P/N: MD12F2
VOLTAGE: 12 VDC
CURRENT: .32A
C.F.M: 80
NO. OF BLADES: 3

Muffin-DC for portable equipment or systems where AC is not available. Metal frame, plastic blades. Plug/solder terminals.

Sq: 4-11/16" **Thk:** 1-1/2" **WT:** 2



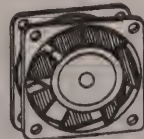
STOCK #	DESCRIPTION	PRICE
2512-FN	12VDC Muffin Fan	\$14.95

12V DC 2-3/8" FAN

MFG: MECHATRONICS
P/N: F6025L12
VOLTAGE: 12 VDC
CURRENT: .085A
NO. OF BLADES: 7

CFM: 14 NOISE: 24dB
Brushless DC Box fan. Plastic frame & blades. Sleeve bearings. 10" leads.

Sq: 2-3/8" **Thk:** 1" **WT:** .16



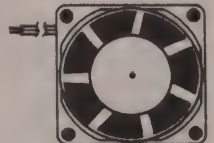
STOCK #	DESCRIPTION	PRICE
7487-FN	12VDC 2-3/8" Mechatronics	\$4.95

12V DC 2-3/8" FAN

MFG: QUIETEK
P/N: SB0612-L
VOLTAGE: 12 VDC
CURRENT: 180mA
NO. OF BLADES: 7

CFM: 14.4 NOISE: 26dB
Brushless DC Box fan. Plastic frame & blades. Sleeve bearings. 10" leads.

Sq: 2-3/8" **Thk:** 1" **WT:** .16



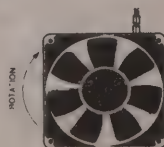
STOCK #	DESCRIPTION	PRICE
6474-FN	12VDC 2-3/8" Quietek	\$3.95

12V DC 4-11/16" BOX FAN

MFG: NMB
P/N: 4710 -NL-04W-B30
VOLTAGE: 12 VDC
C.F.M: 70
NO. OF BLADES: 7

UL94V Plastic blades & metal housing. 34dB noise. Wire leads. Ball bearing. UL/CSA/ VDE listed.

Sq: 4-11/16" **Thk:** 1" **WT:** .8



STOCK #	DESCRIPTION	PRICE
5319-FN	12VDC 4-11/16" NMB Fan	\$14.95



**CREDIT CARD-COD
ORDERS TAKEN BY PHONE
9:00 AM - 4:30 PM (EASTERN)
MONDAY - FRIDAY**

**CALL
561-848-8236
ORDERS ONLY
CALL
1-800-652-6733**

12V DC 3-1/8" FAN

MFG: COMAIR/ROTRON
P/N: ST12A3
VOLTS: 12 VDC
CURRENT: .28A
C.F.M: 33
NO. OF BLADES: 5

Box fan with plastic frame & blades. 10" wire leads. UL/CSA/TUV listed

Sq: 3-1/8" **Thk:** 1-1/4" **WT:** .41

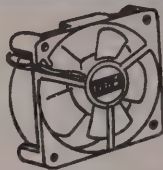


STOCK #	DESCRIPTION	PRICE
7525-FN	12VDC 3-1/8" Comair Fan	\$9.95

FANS

12V DC MICRO FAN

MFG: ELINA
P/N: KDA1204PFS2
VOLTAGE: 12 VDC
CURRENT: 90mA
CFM: 1.3
NO. OF BLADES: 5



Very small 12V fan with plastic blades and frame. With 6" leads. 27dB noise. For cooling uProcessors etc. UL listed.

Sq: 1" Thk: 7/16" WT: .04

STOCK #	DESCRIPTION	PRICE
8262-FN	12VDC Elina 1" Fan	\$5.95

12V DC 3-1/8" BOX FAN

MFG: NMB
P/N: 3110 -NL-04W-B10
VOLTAGE: 12 VDC
C.F.M: 23
NO. OF BLADES: 7



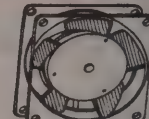
UL94V Plastic blades & metal housing. 20dB noise. 14" Wire leads with a 2 pin header plug & a 3 pin header socket. Ball bearing. UL/CSA/ VDE listed.

Sq: 3-1/8" Thk: 1" WT: .3

STOCK #	DESCRIPTION	PRICE
8046-FN	12VDC 3-1/8" NMB Fan	\$4.95

12V DC 3-5/8" FAN

MFG: PAPST
P/N: 3312
VOLTAGE: 12VDC (6-15V)
CURRENT: 2.4W
C.F.M: 47
NO. OF BLADES: 5



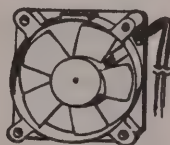
USED. Plastic blades & housing. 12V DC brushless ball bearing box fan. 37dB noise, 3" leads. UL/CSA listed.

Sq: 3-5/8" Thk: 1-1/4" WT: .4

STOCK #	DESCRIPTION	PRICE
7747-FN	Used 12VDC3-5/8" Papst	\$3.95

12V DC THIN FAN

MFG: ELINA
P/N: KDA120510M
VOLTAGE: 12 VDC
C.F.M: 8
CURRENT: .14A
NO. OF BLADES: 5



Brushless DC, ball bearing motor, Plastic blades & housing. 26dB noise, 10" wire leads. UL/CSA Listed

Sq: 2" Thk: 3/8" WT: .2

STOCK #	DESCRIPTION	PRICE
7880-FN	12VDC Thin Fan	\$5.95

12V DC 3-1/8" BOX FAN

MFG: ORIENTAL COMPUTER
P/N: MD1208PTS1
VOLTAGE: 12 VDC
CURRENT: .22A
NO. OF BLADES: 7



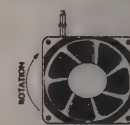
UL94V Plastic blades & housing. 8" Wire leads.

Sq: 3-1/8" Thk: 1" WT: .3

STOCK #	DESCRIPTION	PRICE
7891-FN	12VDC 3-1/8" Fan	\$6.95

12V DC 2-3/8" BOX FAN

MFG: NMB
P/N: 2410 -NL-04W-B40
VOLTAGE: 12 VDC 140mA
C.F.M: 19
NO. OF BLADES: 7



UL94V Plastic blades & housing. 33dB noise. 12" Wire leads. Ball bearing. UL listed.

Sq: 2-3/8" Thk: 1" WT: .3

STOCK #	DESCRIPTION	PRICE
8326-FN	12VDC 2-3/8" NMB Fan	\$5.95

12 VDC 1.6" MICRO FAN

MFG: ELINA
P/N: KDA120410MB
VOLTAGE: 12 VDC
CURRENT: 70mA
C.F.M: 5
NO. OF BLADES: 5



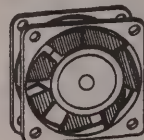
Brushless DC motor, PET (plastic) blades & frame, 10" leads, 27dB Noise.

Sq: 1.6" Thk: .4" WT: .06

STOCK #	DESCRIPTION	PRICE
8377-FN	12VDC 1.6" Elina Fan	\$5.95

12V DC 2-3/8" FAN

MFG: NIDEC
P/N: TA225DC
VOLTAGE: 12V DC
CURRENT: .15A
C.F.M: 10
NO. OF BLADES: 7



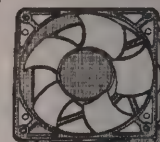
Brushless DC fan with plastic body and blades. 9-1/2" leads.

Sq: 2-3/8" Thk: 1" WT: .23

STOCK #	DESCRIPTION	PRICE
4016-FN	12VDC 2-3/8" Nidec Fan	\$6.95

12V DC 4-11/16" FAN

MFG: COMAIR/ROTRON
P/N: MC12E3
VOLTAGE: 12 VDC
CURRENT: 180 mA
C.F.M: 58
NO. OF BLADES: 5



Brushless DC box fan with Thermoplastic blades & frame. 8" wire leads. 25 dBA noise. Sleeve bearings. UL/CSA listed.

Sq: 4-11/16" Thk: 1-1/4" WT: .5

STOCK #	DESCRIPTION	PRICE
7680-FN	12VDC 4-11/16" Rotron	\$9.95

12V DC 2-3/8" FAN

MFG: SUNNON
P/N: SD1206PTS1
VOLTAGE: 12 VDC
CURRENT: 180mA
C.F.M: 15
NO. OF BLADES: 7



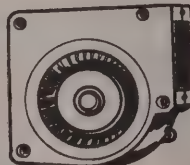
Ideal for disc drives or equipment where AC is not available. 12" lead

Sq: 2-3/8" Thk: 1" WT: .23

STOCK #	DESCRIPTION	PRICE
5528-FN	12VDC 2-3/8" Sunnon Fan	\$5.50

12VDC BLOWER

MFG: ROTRON
P/N: BD12A3
VOLTAGE: 12 VDC
CURRENT: .90A
CFM: 25



Thermoplastic impeller & body. 8" wire leads. Sleeve bearings. 42dB noise level. UL/CSA Listed.

Sq: 4.75" Thk: 1-1/4" WT: .72

STOCK #	DESCRIPTION	PRICE
7688-FN	Rotron 12VDC Blower	\$7.95

12V DC 2-3/8" FAN

MFG: COMAIR/ROTRON
P/N: FS12H3
VOLTAGE: 12VDC
CURRENT: 60mA
C.F.M: 12
NO. OF BLADES: 5



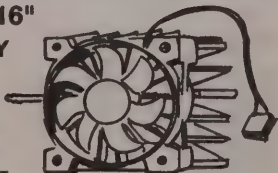
Plastic blades & housing. 12V DC brushless ball bearing box fan. 21dB noise, 3" leads. UL/CSA listed.

Sq: 2-3/8" Thk: 1" WT: .26

STOCK #	DESCRIPTION	PRICE
7690-FN	12VDC 2-3/8" Rotron Fan	\$5.95

12V DC 1-15/16" FAN ASSEMBLY

MFG: A-POWER
P/N: FS0512MB
VOLTAGE: 12VDC
CURRENT: 70 mA
NO. OF BLADES: 7



Brushless DC box fan with Thermoplastic blades & metal frame easily removed from a heatsink. 6" wire leads

Sq: 1-15/16" Thk: 3/8" WT: .88

STOCK #	DESCRIPTION	PRICE
8834-FN	12VDC Fan Assembly	\$3.95

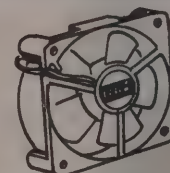


CREDIT CARD-COD
ORDERS TAKEN BY PHONE
9:00 AM - 4:30 PM (EASTERN)
MONDAY - FRIDAY

CALL
561-848-8236
ORDERS ONLY
CALL
1-800-652-6733

12V DC MICRO FAN

MFG: ELINA
P/N: KDA120420L
VOLTAGE: 12 VDC
CURRENT: 80mA
CFM: 4.5
NO. OF BLADES: 5



Very small 12V fan with plastic blades and frame. With 12" leads. 19dB noise. For cooling uProcessors etc. UL/CSA listed.

Sq: 1-9/16" Thk: 3/4" WT: .06

STOCK #	DESCRIPTION	PRICE
8268-FN	12VDC Elina 1-9/16" Fan	\$5.95

FANS

12 VDC 4.7" SMART FAN

MFG: COMAIR/ROTRON

P/N: MC12T3H

VOLTAGE: 12 VDC @ .26A

NO. OF BLADES: 5

Muffin Thermo-pro V, Brushless motor, plastic blades & frame, 10" leads. Thermistor with 22" senses air temperature. As the temp. increases from 85° "F"; fan adjusts from idle to full speed. Ball bearings.

Sq: 4.75" Thk: 1-1/4" WT: .54

STOCK #	DESCRIPTION	PRICE
7691-FN	Rotron 12VDC Adj Fan	\$10.95

12 VDC 2" SMART FAN

MFG: NMB

P/N: 4715ML-012P-35

VOLTS: 12 VDC @ .5A

C.F.M: 100 (max)

NO. OF BLADES: 5

Mounds of exhaust side of cabinet. Thermistor senses the temperature of the air through fan. As the air temp. increases; fan adjusts from idle to full speed. At 35 deg. fan is full speed. Metal frame & plastic blades. ball bearings, 5" wire leads. UL/CSA

Sq: 4-3/4" Thk: 1-5/8" WT: .9

STOCK #	DESCRIPTION	PRICE
5539-FN	35° "C" Smart Fan	\$14.95

12 VDC 4-11/16" FAN

MFG: PANASONIC

P/N: FBK12G12L

VOLTAGE: 12VDC

CURRENT: 200 mA

CFM: 66

NO. OF BLADES: 5

Brushless DC box fan with Thermoplastic blades & frame. 30db noise, 8" wire leads. Ball bearings.

Sq: 4-11/16" Thk: 1-1/4" WT: .53

STOCK #	DESCRIPTION	PRICE
8710-FN	12VDC 4-11/16" Panaflo	\$6.95

24V DC 4-11/16" FAN

MFG: JAPAN SERVO

P/N: CNDK24K4-601

VOLTAGE: 24VDC

CURRENT: 450 mA

NO. OF BLADES: 5

Brushless DC box fan with Thermoplastic blades & metal frame. 8" wire leads. Hall effect speed sensor output. Ball bearings.

Sq: 4-11/16" Thk: 1-1/4" WT: .88

STOCK #	DESCRIPTION	PRICE
8620-FN	24VDC 4-11/16" Fan	\$6.95

24V DC 3-1/8" FAN

MFG: AIR-1

P/N: 701-0103

VOLTAGE: 24 VDC

CURRENT: 170mA

C.F.M: 27

NO. OF BLADES: 7

Plastic frame & blades. 12" leads.

Sq: 3-1/8" Thk: 1" WT: .4

STOCK #	DESCRIPTION	PRICE
4964-FN	24VDC 3-1/8" Air-1 Fan	\$5.00

12V DC MICRO FAN

MFG: ELINA

P/N: KDA1204PFS2

VOLTAGE: 12 VDC

CURRENT: 90mA

CFM: 1.3

NO. OF BLADES: 5

Very small 12V fan with plastic blades and frame. With 6" leads. 27dB noise. For cooling uProcessors etc. UL listed.

Sq: 1" Thk: 7/16" WT: .04

STOCK #	DESCRIPTION	PRICE
8262-FN	12VDC Elina 1" Fan	\$5.95

12V DC SMART FAN

MFG: NMB

P/N: 4715ML-012P-37

VOLTS: 12 VDC @ .5A

C.F.M: 100 (max)

NO. OF BLADES: 5

Mounds of exhaust side of cabinet. Thermistor senses the temperature of the air through fan. As the air temp. increases; fan adjusts from idle to full speed. At 37 deg. fan is full speed. Metal frame & plastic blades. ball bearings, 5" wire leads. UL/CSA

Sq: 4-3/4" Thk: 1-5/8" WT: .36

STOCK #	DESCRIPTION	PRICE
5657-FN	37° "C" Smart Fan	\$9.95

12 VDC 6.75" FAN

MFG: COMAIR/ROTRON

P/N: PQ12C8 "PATRIOT"

VOLTAGE: 12 VDC @ 1.8A

C.F.M: 210

NO. OF BLADES: 7

Brushless ball bearing motor, Feathered edge plastic blades & metal frame, Fan Plug/solder terminals. UL/CSA listed. Fan performance output lead.

Dia: 6.75" Thk: 2" WT: 2

STOCK #	DESCRIPTION	PRICE
8784-FN	12V 6.75" Rotron Fan	\$14.95

CHROME FAN GUARD

Fits 4-11/16" (4.70/4.73") Sq. box fans. Chrome Metal, Offset mounting

STOCK #	DESCRIPTION	PRICE
8319-FN	4-11/16" Fan Guard	\$1.25



**CREDIT CARD-COD
ORDERS TAKEN BY PHONE
9:00 AM - 4:30 PM (EASTERN)
MONDAY - FRIDAY**

CALL

561-848-8236

ORDERS ONLY

CALL

1-800-652-6733

FAN GUARDS

Fits 2-3/8" (2.359") Sq. Mini fans, Chrome metal Offset mounting

STOCK #	DESCRIPTION	PRICE
5089-FN	2-3/8" Fan Guard	\$1.25

Fits 2-3/8" (2.359") Sq. Mini fans, Black metal Offset mounting

STOCK #	DESCRIPTION	PRICE
8660-FN	2-3/8" Fan Guard	\$1.25

Fits 2-3/8" (2.359") Sq. Mini fans, Black plastic, Offset mounting

STOCK #	DESCRIPTION	PRICE
5803-FN	2-3/8" Fan Guard	\$1.25

Fits 3-1/8" Sq. fans. Black plastic, Flat mounting. Replaceable filter

STOCK #	DESCRIPTION	PRICE
6520-FN	3-1/8" Fan Guard/Filter	\$1.50

Fits 3-5/8" (3.625") Sq. mini fans. Chrome Metal, Offset mounting

STOCK #	DESCRIPTION	PRICE
1851-FN	3-5/8" Fan Guard	\$1.00

Fits 3-5/8" (3.625") Sq. mini fans. Black Metal, Offset mounting

STOCK #	DESCRIPTION	PRICE
4925-FN	3-5/8" Fan Guard	\$1.00

Fits 4-11/16" (4.70/4.73") Sq. fans. Chrome Metal, Offset mounting

STOCK #	DESCRIPTION	PRICE
0708-FN	4-11/16" Fan Guard	\$1.25

Fits 4-11/16" (4.70/4.73") Sq. fans. Chrome Metal, Offset mounting

STOCK #	DESCRIPTION	PRICE
7444-FN	4-11/16" Fan Guard	\$1.25

Fits 4-11/16" (4.70/4.73") Sq. fans. Chrome Metal, 3/8" Offset mounting with edge guard

STOCK #	DESCRIPTION	PRICE
5274-FN	4-11/16" Fan Guard	\$1.25

Fits 5" Sq. fans. Chrome Metal, Flush mounting

STOCK #	DESCRIPTION	PRICE
5276-FN	5" Fan Guard	\$1.50

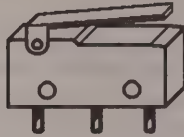
SWITCHES

MINI LEVER SWITCH

SPDT lever switch with contacts rated 3A @ 125V AC resistive, operating force <25 grams max, solder terminals, 1/2" long X 3/16" lever. 3/4" X 1/4" X 3/8"

Mounting: Two Screw Holes WT: .007

STOCK #	DESCRIPTION	PRICE
7649-SW	Mini MicroSwitch	\$0.69

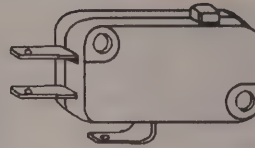


SNAP SWITCH

Cherry E34- type SPDT snap switch. Contacts rated 15A, 1/2hp @ 120/250 VAC .187" quick connect terminals. 300 grams actuation force. 3/32" actuator

Mounting: Two Screw Holes WT: .015

STOCK #	DESCRIPTION	PRICE
4576-SW	Snap Switch	\$0.85

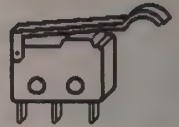


MINI MICRO SWITCH

Burgess, F4T7GP, SPDT, mini micro switch. Rated 5A @ 250V AC. 3/4" steel lever. 50Grams actuation force. White plastic body, Solder eyelet terminals. Two #2 screw holes in body. Body size only 1/2" L X 3/16" W X 3/8" T. UL/CSA listed

Mounting: Two Screw Holes WT: .001

STOCK #	DESCRIPTION	PRICE
5991-SW	Mini uSwitch	\$1.95

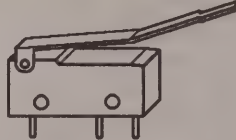


LONG LEVER MICRO SWITCH

Cherry, SPDT mini lever switch rated .1A @ 125V AC. 15 grams actuating force. 1-1/4" long X 1/8" steel lever. UL/CSA Listed.

Mounting: P.C. Board WT: .01

STOCK #	DESCRIPTION	PRICE
7040-SW	Cherry mini Lever Switch	\$1.35

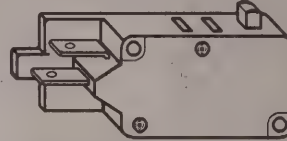


5A SNAP SWITCH

Omron SPDT-NO Snap switch. Contacts rated 5A @ 125V AC resistive. Operating force 15 grams, .187" quick connect terminals, 3/32" actuator height. UL/CSA/TUV Listed

Mounting: 2 Screw Holes WT: .01

STOCK #	DESCRIPTION	PRICE
7376-SW	Omron Snap Switch	\$0.75

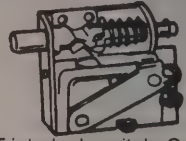


INTERLOCK SWITCH

Micro-Switch 22AC2- SPDT interlock switch. Contacts rated 15A, @ 125 VAC. Auto cutoff of power if panel or access doors are opened. manual position allows for repair/testing. Plastic rod actuator & screw terminals

Mounting: Two 4-40 Screw Holes WT: .07

STOCK #	DESCRIPTION	PRICE
8331-SW	Interlock Switch	\$2.95

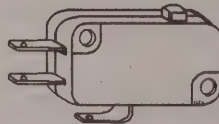


SNAP SWITCH

Micro-Switch V3-2102-D8- SPDT snap switch. Contacts rated 1A, @ 125 VAC .187" quick connect terminals. 25 grams actuation force. 3/32" plastic pin actuator.

Mounting: Two Screw Holes WT: .015

STOCK #	DESCRIPTION	PRICE
5817-SW	Snap Switch	\$0.85

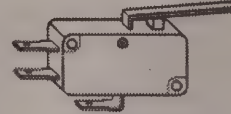


LEVER SWITCH

Defond SPDT snap switch. Contacts rated 11A @ 125 VAC resistive, 1/3hp .187" quick connect terminals. 125 grams actuation force. 1" steel actuator arm.

Mounting: Two Screw Holes WT: .02

STOCK #	DESCRIPTION	PRICE
7752-SW	Lever Switch	\$1.50

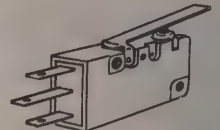


WEATHERIZED LEVER SWITCH

Matsushita ABV1212619, sealed lever micro switch, contacts rated 3A @ 250V AC, operating force=100 grams max, .187" quick connect terminals, 1.125" X .2" lever. UL/CSA listed.

Mounting: Two Screw Holes WT: .02

STOCK #	DESCRIPTION	PRICE
7662-SW	Weatherized Switch	\$2.25

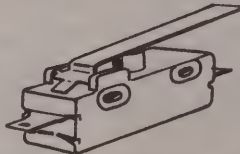


LARGE LEVER SWITCH

Cherry E-13 SPST-NC snap switch. Contacts rated 15A, @ 125/250 VAC resistive; 3/4hp @ 125VAC .250" quick connect terminals. 70 grams actuation force. 2-3/8" X 5/16" actuator arm. UL/CSA listed

Mounting: Two Screw Holes WT: .05

STOCK #	DESCRIPTION	PRICE
7693-SW	Large Lever Micro Switch	\$1.95



MINI MICRO SWITCH

Mulon SU-100 micro switch. SPDT contacts rated .1A @ 125V AC. Button operating force= 75 grams max. Solder terminals. Only 1/2" X 1/4" X 3/16"

Mounting: Two Screw Holes/PC WT: .004

STOCK #	DESCRIPTION	PRICE
6946-SW	Mini Micro Switch	\$0.75

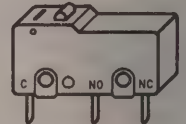


SNAP SWITCH

Omron SS-5-FD snap switch. Contacts rated 5A, @ 125VAC, 3A @ 250VAC. PC board terminals. 50 grams actuation force. UL/CSA listed.

Mounting: Two Screw Holes/PC WT: .004

STOCK #	DESCRIPTION	PRICE
6948-SW	Mini Snap Switch	\$0.75



MINI LEVER MICRO SWITCH

Omron, D2A-2220, SPDT, mini lever micro switch. Short piano type lever with hole in end. Black plastic body, PC board terminals. One #2 screw hole in body. Rated .5A @ 28V DC. Body size only 5/16" L X 3/16" W X 1/4" T

Mounting: One Screw Hole WT: .001

STOCK #	DESCRIPTION	PRICE
4173-SW	Mini Lever Switch	\$0.65 \$0.50

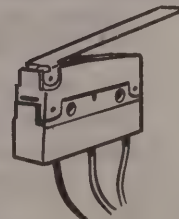


WEATHERIZED LEVER SWITCH

Matsushita ABS1613409, sealed lever micro switch, contacts rated 2A @ 250V AC, operating force=20 grams max, 10" wire leads, .87" X .125" lever. UL/CSA listed.

Mounting: Two Screw Holes WT: .026

STOCK #	DESCRIPTION	PRICE
7700-SW	Weatherized Switch	\$2.25

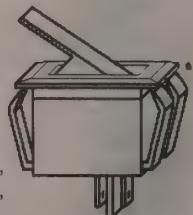


LEVER SWITCH

McGill, SPST N.O. lever switch, contacts rated 16A @125V AC, .250" quick connect terminal, mounts in a 1-1/8" x 1/2" SQ. hole.

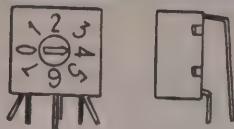
Mounting: Snap-in WT: .03

STOCK #	DESCRIPTION	PRICE
4983-SW	Lever Switch	\$0.35



SWITCHES

RT. ANGLE OCTAL SWITCH



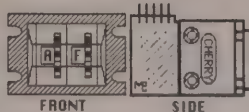
ECCO #351008GS PC mount, right angle rotary Octal (0-7) switch. Non-inverted output (Common is connected to selected digit), max load: 10mA @ 5V switching; 100mA, 50V non-switching, use in alarms, computers, etc.

Mounting: PC Board

WT: .001

STOCK #	DESCRIPTION	PRICE
8781-SW	ECCO Octal Switch	\$1.25

HEX THUMBWHEEL



Cherry compact, dual position hex switch, easily mounted by the end caps, black with white numbers and outputs are at right angles for easy mount to PC board. 1" wide X 3/4" high.

Mounting: PC Board

WT: .1

STOCK #	DESCRIPTION	PRICE
2040-SW	HEX Thumb Switch	\$3.50

BCD PUSH BUTTON SWITCH



Fujisoku DGP901P-LS BCD switch. Internal green LED backlights number.

Led requires external resistor to limit current to 20mA. One button for count up & another for down. Front mount in .640" high cutout, snap together to form multi digits, PC mount pin terminals. No end plates. Not complimentary

Mounting: PC Board

WT: .004

STOCK #	DESCRIPTION	PRICE
6869-SW	BCD Push Button Switch	\$2.95

RT. ANGLE BCD SWITCH



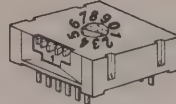
NKK, DR-KC10H PC mount, right angle rotary BCD switch. Inverted output (Common is connected to all EXCEPT selected digit), max load: 100mA @ 5V switching; 100mA, 50V non-switching, use in alarms, computers, etc.

Mounting: PC Board

WT: .001

STOCK #	DESCRIPTION	PRICE
7683-SW	Inverting NKK BCD Switch	\$1.50

BCD THUMBWHEEL



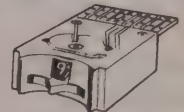
C&K 3M22-3 PC mount thumb-switch. Red body with black wheel and white numbers. Contact rated: 100mA @ 28VDC max switching. True outputs. Only 13/16" sq. X 5/16"

Mounting: PC Board

WT: .02

STOCK #	DESCRIPTION	PRICE
6588-SW	BCD Thumbwheel Switch	\$2.95

BCD THUMBWHEEL

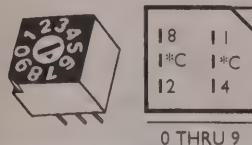


Vertical mount thumb-switch (Numbers are on their Sides). Black body & wheel, white numbers. Contact rated: 100mA @ 28VDC max switching. Complement outputs (Contact Open when selected). Gold plated PC finger on .156" spacing with holes for wires. NO END PLATES

Mounting: Rear mt. in .961" H Cutout **Wt.:** .1

STOCK #	DESCRIPTION	PRICE
7734-SW	BCD Thumbwheel Switch	\$2.15

BCD SWITCH



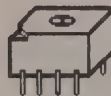
BCD switches that fit in a dip socket, Complement output, max load: 100mA @ 5V switching; 100mA, 50V non-switching. Screwdriver adjust. Use in alarms, computers, etc.

Mounting: PC Board

WT: .01

STOCK #	DESCRIPTION	PRICE
5323-SW	BCD Switch	\$2.00

BCD SWITCH



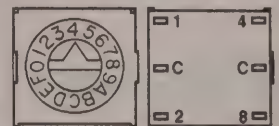
NKK, DR-FR10P rotary BCD switches that fit in a dip socket, non-inverted output (Common is connected to selected digit), max load: 100mA @ 5V switching; 100mA, 50V non-switching, use in alarms, computers, etc.

Mounting: PC Board/DIP Socket

WT: .001

STOCK #	DESCRIPTION	PRICE
7135-SW	BCD Switch	\$1.50

HEX SWITCH

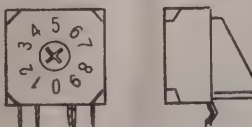


Hex NKK, ND-FR16P Micro mini rotary switch Non-inverted output (Common is connected to selected digit), max load: 100mA @ 5V switching; 100mA, 50V non-switching, use in alarms, computers, etc.

Mounting: PC Board/DIP Socket **WT:** .001

STOCK #	DESCRIPTION	PRICE
7308-SW	HEX Micro Rotary Switch	\$2.00

RT. ANGLE BCD SWITCH



NKK, DR-FR10H PC mount, right angle rotary BCD switch. Standard output (Common is connected to selected digit), max load: 100mA @ 5V switching; 100mA, 50V non-switching, use in alarms, computers, etc. Screwdriver adj.

Mounting: PC Board

WT: .001

STOCK #	DESCRIPTION	PRICE
8672-SW	Std. NKK BCD Switch	\$1.50

HEX RIGHT ANGLE SWITCH



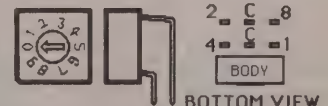
Alco #DRD16C-RA, Right angle, Hex rotary switch that fit in a dip socket, inverted output (Common is open to selected digit). max load: .4VA @ 125VAC. Use in alarms, computers, etc.

Mounting: PC Board/DIP Socket

WT: .001

STOCK #	DESCRIPTION	PRICE
6584-SW	HEX Rt. Angle Switch	\$2.00

BCD SWITCH



ECCO Right angle BCD switches that fit in a dip socket, TRUE output, max load: 100mA @ 5V switching; 100mA, 50V non-switching. Screwdriver adjust. Use in alarms, computers, etc.

Mounting: PC Board/DIP Socket **WT:** .001

STOCK #	DESCRIPTION	PRICE
5827-SW	BCD Switch	\$1.85 \$1.50

BCD ROTARY SWITCH



ALCO #DRW-10C, rotary BCD switch that fits in a dip socket, COMPLEMENT output. Contact rated: .4VA @ 125VAC. Use in alarms, computers, etc.

Mounting: PC Board/DIP Socket **WT:** .001

STOCK #	DESCRIPTION	PRICE
6581-SW	BCD Rotary Switch	\$2.25



**CREDIT CARD-COD
ORDERS TAKEN BY PHONE
9:00 AM - 4:30 PM (EASTERN)
MONDAY - FRIDAY**

CALL

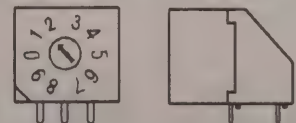
561-848-8236

ORDERS ONLY

CALL

1-800-652-6733

BCD RIGHT ANGLE SWITCH



Alco #DRD10-RA, Right angle, BCD rotary switch that fit in a dip socket, True output (Common connected to selected digit). max load: .4VA @ 125VAC. Use in alarms, computers, etc.

Mounting: PC Board/DIP Socket **WT:** .001

STOCK #	DESCRIPTION	PRICE
8888-SW	BCD Rt. Angle Switch	\$2.00

SWITCHES

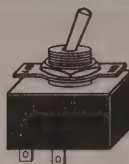
WIRE LEAD FULL SIZE TOGGLE



SPST Full sized toggle switch with 6in. wire leads. Contacts rated 6A @ 125 VAC; 3A @ 250 VAC. m125
Mounting Hole: 1/2" WT: .07

STOCK #	DESCRIPTION	PRICE ea	
		1+	100+
5001-SW	Wire Lead Toggle	\$1.25	\$1.17

SPST FULL SIZE TOGGLE

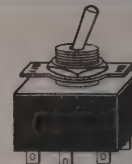


SPST Full sized, bat handle toggle switch with solder terminals. Contacts rated 4A @ 125 VAC; 2A @ 250 VAC. m128

Mounting Hole: 1/2" WT: .07

STOCK #	DESCRIPTION	PRICE ea	
		1+	100+
5002-SW	SPST Full Size	\$0.75	\$0.69

DPDT FULL SIZE TOGGLE

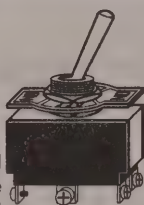


DPDT (on-none-on) Full sized toggle switch with solder terminals. Contacts rated 5A @ 125 VAC; 3A @ 250 VAC.

Mounting Hole: 1/2" WT: .08

STOCK #	DESCRIPTION	PRICE ea	
		1+	100+
5003-SW	DPDT Full Size	\$1.25	\$1.16

DPDT FULL SIZE TOGGLE

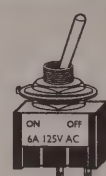


DPDT Center off (on-off-on) Full sized toggle switch with solderable screw terminals. Contacts rated 10A @ 125 VAC; 5A @ 250 VAC.

Mounting Hole: 1/2" WT: .08

STOCK #	DESCRIPTION	PRICE ea	
		1+	100+
5004-SW	DPDT Full Size	\$1.95	\$1.81

SPST MINI TOGGLE

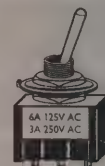


SPST, mini toggle switch with solder terminals. Contacts rated 6A @ 125 VAC; 3A @ 250 VAC. m131

Mounting Hole: 1/4" WT: .02

STOCK #	DESCRIPTION	PRICE ea	
		1+	100+
5005-SW	SPST Mini Toggle	\$0.75	\$0.66

SPDT MINI TOGGLE

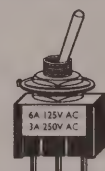


SPDT (on-none-on) mini toggle switch with solder terminals. Contacts rated 6A @ 125 VAC; 3A @ 250 VAC.

Mounting Hole: 1/4" WT: .02

STOCK #	DESCRIPTION	PRICE ea	
		1+	100+
5006-SW	SPDT Mini Toggle	\$0.85	\$0.73

SPDT MINI TOGGLE



PC mount, SPDT (on-none-on) Bat handle mini toggle switch. Contacts rated: 6A @ 125 VAC; 3A @ 250 VAC. m141pc

Mounting Hole: 1/4" WT: .02

STOCK #	DESCRIPTION	PRICE ea	
		1+	100+
5007-SW	SPDT Mini Toggle	\$0.85	\$0.73

SPDT RT. ANGLE MINI TOGGLE

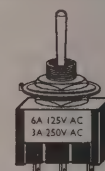


Right Angle PC Mount, SPDT (on-none-on) mini toggle switch. Contacts rated 6A @ 125 VAC; 3A @ 250 VAC.

Mounting Hole: 1/4" WT: .02

STOCK #	DESCRIPTION	PRICE ea	
		1+	100+
5008-SW	SPDT Rt. Ang. Toggle	\$0.85	\$0.72

SPDT MOMENTARY MINI TOGGLE

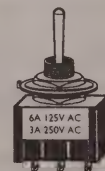


SPDT (Mom-off-Mom) mini toggle switch with solder terminals. Contacts rated 6A @ 125 VAC; 3A @ 250 VAC.

Mounting Hole: 1/4" WT: .02

STOCK #	DESCRIPTION	PRICE ea	
		1+	100+
5009-SW	SPDT Momentary	\$1.25	\$1.16

SPDT CTR.-OFF MINI TOGGLE

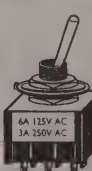


SPDT (on-off-on) bat handle mini toggle switch with solder terminals. Contacts rated 6A @ 125 VAC; 3A @ 250 VAC.

Mounting Hole: 1/4" WT: .02

STOCK #	DESCRIPTION	PRICE ea	
		1+	100+
5010-SW	SPDT Ctr. Off Toggle	\$1.25	\$1.16

DPDT MINI TOGGLE



DPDT (on-none-on) mini toggle switch with solder terminals. Contacts rated 6A @ 125 VAC; 3A @ 250 VAC

Mounting Hole: 1/4" WT: .02

STOCK #	DESCRIPTION	PRICE ea	
		1+	100+
5011-SW	DPDT Mini Toggle	\$1.10	\$0.98

DPDT MINI TOGGLE

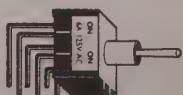


DPDT (on-none-on) PC mount, mini toggle switch. Contacts rated 6A @ 125 VAC; 3A @ 250 VAC. Mounts in 1/4" hole. m143

Mounting Hole: 1/4" WT: .02

STOCK #	DESCRIPTION	PRICE ea	
		1+	100+
5012-SW	DPDT Mini Toggle	\$1.10	\$0.98

DPDT RT. ANGLE MINI TOGGLE

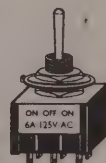


DPDT (on-none-on) PC mount, right angle, mini toggle switch. Contacts rated 6A @ 125 VAC; 3A @ 250 VAC. m146

Mounting Hole: 1/4" WT: .02

STOCK #	DESCRIPTION	PRICE ea	
		1+	100+
5013-SW	DPDT Rt. Ang. Toggle	\$1.10	\$0.98

DPDT CENTER OFF MINI TOGGLE



DPDT (on-off-on) mini toggle switch with solder terminals. Contacts rated 6A @ 125 VAC; 3A @ 250 VAC. Mounts in 1/4" hole.

Mounting Hole: 1/4" WT: .02

STOCK #	DESCRIPTION	PRICE ea	
		1+	100+
5014-SW	DPDT Ctr. Off Toggle	\$1.25	\$1.10

DPDT CTR. OFF MINI TOGGLE



DPDT (on-off-on) PC mount, mini toggle switch. Contacts rated 6A @ 125 VAC; 3A @ 250 VAC. Mounts in 1/4" hole. m144

Mounting Hole: 1/4" WT: .02

STOCK #	DESCRIPTION	PRICE ea	
		1+	100+
5015-SW	DPDT Ctr. Off Toggle	\$1.25	\$1.10

SWITCHES

DPDT MOMENTARY MINI TOGGLE



DPDT (Mom-off-Mom) mini toggle switch with solder terminals. Contacts rated 6A @ 125 VAC; 3A @ 250 VAC.

Mounting Hole: 1/4"

WT: .02

STOCK #	DESCRIPTION	PRICE ea	
		1+	100+
5016-SW	DPDT Mom. Toggle	\$1.25	\$1.16

SPDT SUB MINI TOGGLE



SPDT (on-none-on) mini toggle switch with solder terminals. Contacts rated 3A @ 125 VAC m136

Mounting Hole: 1/8"

WT: .01

STOCK #	DESCRIPTION	PRICE ea	
		1+	100+
5017-SW	SPDT Sub Mini Toggle	\$0.95	\$0.91

DPDT SUB MINI TOGGLE



DPDT (on-none-on) mini toggle switch with solder terminals. Contacts rated 3A @ 125 VAC m137

Mounting Hole: 1/8"

WT: .01

STOCK #	DESCRIPTION	PRICE ea	
		1+	100+
5018-SW	DPDT Sub Mini Toggle	\$1.25	\$1.17

MINI PUSH BUTTON



SPST Normally Open mini push button switch with solder terminals & Red actuator. Contacts rated 3A @ 125 VAC. Mounts in 1/4" hole. ms1

Mounting Hole: 1/4"

WT: .01

STOCK #	DESCRIPTION	PRICE ea	
		1+	100+
5019-SW	N/O Push Button	\$0.40	\$0.36

MINI PUSH BUTTON



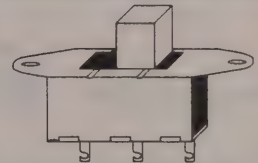
SPST Normally Closed mini push button switch with solder terminals & Black actuator. Contacts rated 3A @ 125 VAC. Mounts in 1/4" hole. ms2

Mounting Hole: 1/4"

WT: .01

STOCK #	DESCRIPTION	PRICE ea	
		1+	100+
5020-SW	N/C Push Button	\$0.50	\$0.42

MICRO SLIDE SWITCH



PC mount, SPDT mini slide switch Rated .5A @ 125 VAC, .1A @ 125VDC. .150" X .90" Black slider. 9/16" long X 5/16" wide overall. PC Solder terminals.

Mounting: P.C. Board/Tabs

WT: .001

STOCK #	DESCRIPTION	PRICE
4682-SW	Micro Slide Switch	\$0.45

SPDT LOCKING LEVER TOGGLE



C & K 7101, SPDT (on-none-on) mini toggle switch. Locking lever to prevent accidental movement of the lever. Contacts rated: .4VA @ 125VAC. Locks in both positions, pull on lever to release lock. Solder eylet terminals

Mounting Hole: 1/4"

WT: .01

STOCK #	DESCRIPTION	PRICE
6578-SW	Locking Lever Toggle	\$3.50

SPDT MOMENTARY ONE SIDE MINI TOGGLE



PC mount, SPDT (on-off-mom) Bat handle mini toggle switch. Contacts rated: 5A @ 125 VAC; 2A @ 250 VAC. Solder terminals

Mounting Hole: 1/4"

WT: .02

STOCK #	DESCRIPTION	PRICE
4492-SW	SPDT Mini Toggle	\$1.25

MOMENTARY LONG HANDLE TOGGLE SWITCH



Mini toggle with a 7/8" long bat handle, rated 5A @ 115V AC.

Mounting Hole: 1/4"

WT: .1

STOCK #	DESCRIPTION	PRICE
0044-SW	Long Handle Toggle	\$1.25

SPDT MOMENTARY MINI TOGGLE



PC mount, SPDT (on-none-mom) Bat handle mini toggle switch. Contacts rated: 6A @ 125 VAC; 3A @ 250 VAC.

Mounting Hole: 1/4"

WT: .02

STOCK #	DESCRIPTION	PRICE ea	
		1+	100+
7894-SW	SPDT Mom. Toggle	\$0.45	\$0.39

P.C. MOUNT TOGGLE SWITCH



C&K #7101, Vertical mount, SPDT (on-none-on) mini toggle switch. Standard bat handle, used on boards for "test/run" "reset" etc, contacts rated .4VA. P.C. solder tail terminals.

Mounting: P.C. Board"

WT: .012

STOCK #	DESCRIPTION	PRICE
4849-SW	SPDT P.C. Toggle	\$1.00

**Advertised Nationally for \$14.95
ONLY \$6.95**

MASTER BATTERY SWITCH

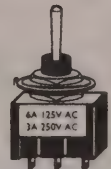


Heavy duty brass battery disconnect switch. Removable thumb screw provides security & safety. Use to eliminate battery drain or provide emergency cut-off. For top post batteries.

WT: .3

STOCK #	DESCRIPTION	PRICE
8371-SW	Battery Master Switch	\$6.95

SPDT MOMENTARY ONE SIDE MINI TOGGLE



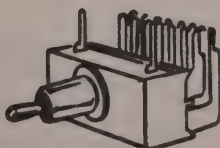
SPDT momentary one direction (On-off-Mom) mini toggle switch with solder terminals. Contacts rated 2A @ 125 VAC

Mounting Hole: 1/4"

WT: .02

STOCK #	DESCRIPTION	PRICE
4492-SW	SPDT Momentary 1 Side	\$1.25

4PDT PC TOGGLE SWITCH



Alco TT-41, 4PDT (On-Off-On), Right angle P.C. mount mini toggle. Contacts rated: .4VA @ 125VAC. 1/4" long bat handle.

Mounting: P.C.Board

WT: .009

STOCK #	DESCRIPTION	PRICE
7552-SW	4 PDT Rt. Ang. Toggle	\$1.75

SPDT LOCKING LEVER TOGGLE SWITCH



Alco TT-11, SPDT center/off, Right angle P.C. mount super mini toggle. Locking lever to prevent accidental movement of the lever, Contacts rated: .4VA @ 125VAC. Locks in all position, pull on lever to release lock.

Mounting Hole: 1/4" or P.C Board WT: .011

STOCK #	DESCRIPTION	PRICE
5652-SW	Rt Ang. Locking Lever	\$1.65

SWITCHES

THERMAL SWITCH



F. Dales Co. # DA-8-M, single pole normally closed snap action thermal switch. Rated: 8A @ 115VAC. Opens at 150 deg. "C", resets with drop in temp. Copper case with one side of switch connected to case. 3" teflon insulated lead on other contact. 1-1/4 X 1/4" dia.

Mounting: Clamp

WT: .005

STOCK #	DESCRIPTION	PRICE
4172-SW	Thermal Switch	\$1.00

SUPER SMALL MICRO SWITCH



Super mini micro SPST-NO switch. These are used as limit & sense switches in VCRs, Tape players, etc. 1/8" black plastic push button. <10gm activation force. PC board terminals. Rated .2VA @ 24V DC. Body size only 5/16" L X 3/8" W X 1/8"

Mounting: P.C Board

WT: .001

STOCK #	DESCRIPTION	PRICE
6594-SW	Super Mini Micro Switch	\$0.35

SUPER SMALL KEYBOARD SWITCH



Jujisoku TM1-01 SPST-NO PC mount, pushbutton switch. Only 6mm (3/16") Sq. X 8mm (3/8") tall, excluding leads. Rated: 25VDC @ 20mA, 50m Ohm contact resistance max. 130gm activation force with tactual and audible "click". NO Key tops. .4" terminal spacing. Ideal for Breadboards

Mounting: P.C. Board

WT: .001

STOCK #	DESCRIPTION	PRICE
6596-SW	Super Small Switch	\$0.25

BUBBLE SWITCH



Takamisawa TS-12MAN SPST-NO PC mount, pushbutton switch. Only 12mm (3/8") Sq. X 6mm (7/32") tall, excluding leads. Rated: 35VDC @ 20mA, 50m Ohm contact resistance max. 130gm activation force with tactual and audible "click"

Mounting: P.C. Board

WT: .001

STOCK #	DESCRIPTION	PRICE
6586-SW	Bubble Switch	\$0.25

"FIRE" PUSH BUTTON



Giant Panel mount SPDT push button switch. Lighted red button with "FIRE" on it. Part of a video game. Button actuates micro switch with .25 quick connect terminals. Contacts rated 3A @ 250 VAC. Mounts in 15/16" hole. Type 259 Lamp rated 6.3V @ .25A

Mounting: P.C Board

WT: .07

STOCK #	DESCRIPTION	PRICE
6895-SW	"FIRE" Push Button	\$3.50

PUSH BUTTON SWITCH



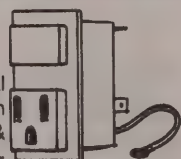
MEC 4PST PC mount, push-button switch. 2 contacts are Normally Open & 2 are Normally Closed. Only 1/2" Sq. X 3/8" (excluding leads & button). 1/8" sq. X 1/4" button. Rated: 30VDC @ 20mA, 50m Ohm contact resistance max. Tactual & audible "click".

Mounting: P.C. Board

WT: .01

STOCK #	DESCRIPTION	PRICE
6592-SW	Push Button Switch	\$1.25

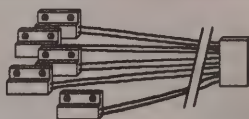
SWITCH & OUTLET



Snap-in assembly with electrical outlet & a SPDT push button switch. Switch Input contact & NC contact has separate terminals, NO switch contact is also connected to hot side of Outlet. Outlet has both sides available. Switch rated 2A 125VAC, Outlet rated 15A 125VAC. Chrome bezel. 2-3/8" X 1" cutout. .25" Faston terminals. L: 2-5/8" W: 1-3/16" H: 2" WT: .16

STOCK #	DESCRIPTION	PRICE
7905-MI	Outlet & Switch	\$1.50

MINI REED SWITCH ASSEMBLY

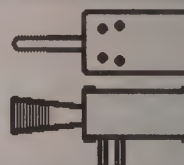


Set of 5 mini Hamlin Normally Open reed switches. Contact rated 10 VA, 50V DC max non switching. 2 mounting holes. 10+ leads to a .10" header socket connector.

L: 3/4" W: 1/2" T: 3/16" WT: .06

STOCK #	DESCRIPTION	PRICE
7059-SW	Reed Switch Assembly	\$2.50

RIGHT ANGLE TOGGLE SWITCH



C-H, right angle PC mount, DPST (on1-off-on2) mini toggle switch with a red plastic handle. 1 contact made in each position, both off in center. Can be wired as SPDT. Contacts rated .4VA.

Mounting: P.C. Board

WT: .02

STOCK #	DESCRIPTION	PRICE
7230-SW	Rt. Ang. P.C. Switch	\$0.75

GIANT CONTACT



Really some kind of cam contact made by GE. Fixed contact is made of brass with steel and tungsten adj. contact. Movable contact is spring steel with attached 1/2" roller. We have no idea what to do with this thing so you get the deal.

Mounting: Bolt

WT: .36

STOCK #	DESCRIPTION	PRICE
6361-SW	Giant Contact	\$3.50

MAGNET & REED SWITCH ASSEMBLY



Encased Feritte magnet and a Normally Open reed switch with 3ft mini "ZIP" cord (.1" header socket). Contact rated 10 VA, 50V DC max non switching. Both magnet & switch have 2 mounting holes.

Switch L: 1" W: 3/4" T: 1/4"

Magnet L: 1-3/4" W: 5/8" T: 3/8"

WT: .05

STOCK #	DESCRIPTION	PRICE
7219-SW	Magnet & Reed Switch	\$1.25

TILT SWITCH



Plastic cube with 5 metal pins in the top and 2 rails arranged to form a tilt switch. Steel ball normally only contacts 2 pins but adjusting the angle forces the ball to change position and the "closed" contacts. We not sure how to use it but it will give you hours of enjoyment figuring it out.

Mounting: Who Knows?

WT: .001

STOCK #	DESCRIPTION	PRICE
5199-SW	Tilt Switch	\$0.35

REED SWITCH

Contact rated 25 VA, 50V, 250V DC max non switching. 1.4" X .2" dia. green glass envelope; 2.35" overall length. Tinned steel pin terminals L: 2.4" Dia: .2" WT: .002

STOCK #	DESCRIPTION	PRICE
7459-SW	Reed Switch	\$0.35

**CREDIT CARD-COD
ORDERS TAKEN BY PHONE
9:00 AM - 4:30 PM (EASTERN)
MONDAY - FRIDAY**

**CALL
561-848-8236
ORDERS ONLY
CALL
1-800-652-6733**

FORM "C" REED SWITCH

Contacts rated 5 VA, 25V, non switching. 0.6" X .1" dia. green glass envelope; 1.5" overall length. Tinned steel pin terminals L: 2.4" Dia: .2" WT: .002

STOCK #	DESCRIPTION	PRICE
8711-SW	Form "C" Reed Switch	\$0.65

SWITCHES

DTMF TONE ENCODER

Crystal controlled 12 button DTMF touch-tone encoder. +5.0 to 9V DC input (red+ black-), adjustable output level, output tone corresponds to keypad buttons, white numbers on black keypad. 6" leads Power: Red lead +5 to +9VDC Common: Black lead Output: Yellow lead

L: 2-5/8" W: 2" T: 1/2" WT: .03

STOCK #	DESCRIPTION	PRICE
7283-EN	DTMF Encoder	\$5.95



12 BUTTON DTMF TONE DIALER

12 button DTMF touch-tone dialer. Pocket sized dialer contains tone generator, keypad, 3 button cells and speaker. Originally made for a defunct long distance co. Has pre-programmed access codes. "Manual" mode allows DTMF tone activation thru any phone. Output tone corresponds to keypad buttons, black num. on white keypad.

L: 4-1/2" W: 2-1/2" H: 3/4" WT: .2

STOCK #	DESCRIPTION	PRICE
5824-EN	12 Button Phone Dialer	\$4.95

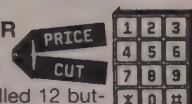


DTMF TONE ENCODER

E.F. Johnson crystal controlled 12 button DTMF touch-tone encoder allows transceivers phone access through fixed station repeaters, +5.0 to 9V DC input (red+ black-), "push-to-talk" key down output (orange), adjustable output level (green), output tone corresponds to keypad buttons, white numbers on black keypad.

L: 2-1/16" W: 1-9/16" H: 1/4" WT: .03

STOCK #	DESCRIPTION	PRICE
3969-EN	DTMF Encoder	\$19.95



DTMF PHONE ENCODER

American Telecomm. #736422 tone generator for home type phones. Runs on 3-9VDC. DTMF tones out and "Any Key Down" out. Gray with white Letters & Numbers. 7" leads with lugs. 3" X 2-1/4" (+ Mtg ears) X 1-1/2". No data on connecting to phone. Schematic & method of obtaining tones supplied.

L: 3" W: 2-1/4" H: 1-1/2" WT: .4

STOCK #	DESCRIPTION	PRICE
2379-MI	DTMF Encoder	\$9.95



MATRIX SWITCH

MFG: AMP
P/N: 8324

POLE(S): 4

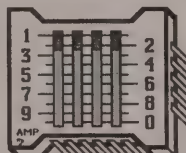
ACTION: 10 POSITION

SPECIFICATIONS/FEATURES:

PC mount, slide action matrix switch with gold contacts, each pole can connect to one of 10 contacts.

L: 1" W: 1" H: 3/16" WT: .01

STOCK #	DESCRIPTION	PRICE
3704-SW	Matrix Switch	\$3.50

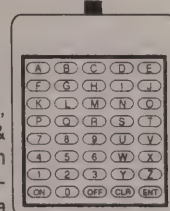


ALPHA-NUMERIC KEY PAD

40 button (A-Z, 0-9, ON, OFF, ENT, CLR) key pad with tactile & "Click" action. Pad is reset in black plastic case. Black legends. Switches connected in a X-Y Matrix. 6ft. ribbon cable.

L: 4-1/4" W: 3-1/4" T: 3/8" WT: .32

STOCK #	DESCRIPTION	PRICE
5727-SW	Alpha-Numeric Keypad	\$4.95

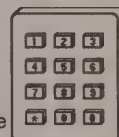


12 BUTTON KEY PAD X-Y

3X4 button keypad. Black with white buttons & black numbers. Silicone rubber membrane type with conductive elastometric contact pad rated 5mA @ 12VDC. When button is pressed a Row (R) & a Column (C) are connected (X-Y). 8 pin header at top for connections

L: 2-7/8" W: 2" H: 3/4" O/A WT: .04

STOCK #	DESCRIPTION	PRICE
8670-SW	X-Y Style Keypad	\$4.50



12 BUTTON KEY PAD 2 OF 7

3X4 button keypad. Black with white buttons & black numbers. Silicone rubber membrane type with conductive elastometric contact pad rated 5mA @ 12VDC. When button is pressed a Row (R) & a Column (C) are connected to a common (2 of 7). 9 pin header at top for connections.

L: 2-7/8" W: 2" H: 3/4" O/A WT: .04

STOCK #	DESCRIPTION	PRICE
8712-SW	2 of 7 Style Keypad	\$4.50

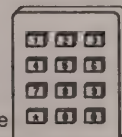


12 BUTTON KEY PAD 1 OF 12

3X4 button keypad. Black with white buttons & black numbers. Silicone rubber membrane type with conductive elastometric contact pad rated 5mA @ 12VDC. When button is pressed pin is connected to a common (1 of 12). 14 pin header at top for connections.

L: 2-7/8" W: 2" H: 3/4" O/A WT: .04

STOCK #	DESCRIPTION	PRICE
8780-SW	1 of 12 Style Keypad	\$4.50



KEY SWITCH

C&KA315-1U6A1NCRB, 3P3T, 4 tumbler key switch. Contacts rated .4VA@20V AC/DC. 45deg. indexing, with key removable in positions 1 & 3. Supplied with 2 brass keys. Gold plated P.C. board terminals. All keyed same.

Mounting Hole: 3/4" WT: .12

STOCK #	DESCRIPTION	PRICE
5990-SW	Key Switch	\$3.25

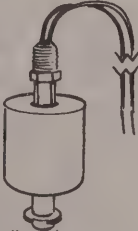


FLOAT SWITCH

Gems LS-3 single station float switch. SPST contacts rated 20VA @ 120/240 VAC. Reversing float on stem changes contact from NO to NC. Polysulfone stem & float. Stem threaded 1/8" NPT. 1" dia X 1" float. Not recommended for oil or chemicals. 1 lead 6" long other is 36". UL/CSA listed

L: 2" Dia.: 1" WT: .06

STOCK #	DESCRIPTION	PRICE
8671-SW	Float Switch	\$4.50

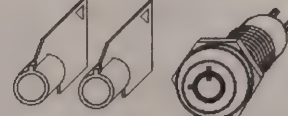


KEY SWITCH

4 tumbler computer mini key switch. Contacts rated 4A @125V AC/28V DC. 90deg. indexing. Solder post terminals. Key removable both position. Some keyed alike most keyed different. Supplied with 2 keys. 1-1/8" long X 5/8" dia overall

Mounting Hole: 15/32" WT: .06

STOCK #	DESCRIPTION	PRICE
5296-SW	Key Switch	\$3.25

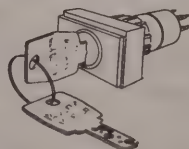


KEY SWITCH

EAO 2PST, key switch. Dimple style security keys. 1 contact NO & 1 NC; can be wired as SPDT. Contacts rated .4VA@20V AC/DC. 90deg. indexing, with key removable in 1 position. Supplied with 2 keys. Gold plated P.C. board/eyelet terminals. All keyed same.

Mounting Hole: 16mm (.6") WT: .06

STOCK #	DESCRIPTION	PRICE
7473-SW	Key Switch	\$4.95

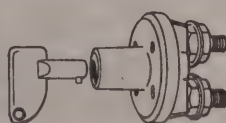


IGNITION CUTOFF SWITCH

Heavy duty starter/ignition disconnect switch. Removable key provides security & safety. Installs anywhere in the starter lead. Leaves other equipment operating while preventing starter operation. Rated 500A @ 12VDC. For RVs, boats etc.

WT: .32

STOCK #	DESCRIPTION	PRICE
8373-SW	Starter Switch	\$12.95



MULTI-KEY SWITCH

2P5T switch with 3 keys. Rated 2A @125V AC. Front mount by 2mm screws. PC board terminals, Keyed alike. Pos. Key Key removable Com. to contact

0: - yes 1
1: A,B,C yes 2
2: B,C no 3
3: C no 4
4: C no 5

Mounting: 3/4" hole +2 Screws WT: .22

STOCK #	DESCRIPTION	PRICE
4465-SW	Multi Key Switch	\$4.25



SWITCHES

PC BOARD SWITCH



Omron type B3J keyboard switch with tactile snap action. SPST-NO contacts rated: 24VDC 50mA resistive. Black plastic base with Blue plastic actuator. .71" L X .47" W X .54" T. Use in alarms, computers, etc.

Mounting: PC Board **WT:** .001

STOCK #	DESCRIPTION	PRICE
5888-SW	PC Board Switch	\$1.25

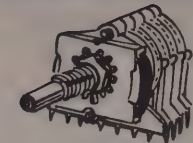
MINI PUSH BUTTON SWITCH



Panasonic EVQ-QS204B "Light Touch" SPST-NO switch. PC mount, super small pushbutton switch is only 6mm (3/16") Sq. X 4mm (5/32") tall, excluding leads. Rated: 15VDC @ 20mA, 50m Ohm contact resistance max. 130gm activation force. Used in VCRs, TVs, etc.

Mounting: PC Board **WT:** .001

STOCK #	DESCRIPTION	PRICE
6568-SW	Mini Push Button Switch	\$0.20



MULTI SWITCH

Quality 12 pole rotary switch. Action is 8PDT & 4PST. PC mount with 1/4" Dia X 7/16" long shaft. Enclosed, Non-shorting contacts rated .5A max.

L: 2-1/4" O/A **H:** 1-3/8" **W:** 1-5/8" **WT:** .13

STOCK #	DESCRIPTION	PRICE
7962-SW	Multi Deck Switch	\$1.00

1P3T MINI ROTARY SWITCH



Grayhill PC mount, 71BY234030 rotary switch. Contacts rated .250A @ 115VAC. Mounts in 3/8" Dia. hole & has 1/4" dia X 1/4" long shaft, Overall Dia 3/4". With hardware, fixed stops.

Mounting: P.C. Board/Tabs **WT:** .05

STOCK #	DESCRIPTION	PRICE
6951-SW	1P3T Rotary Switch	\$1.25

4P4T MINI ROTARY SWITCH

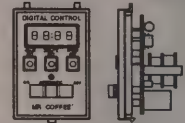


Grayhill PC mount, 71BY231741 rotary switch. Each Pole has 3 fixed positions + 1 momentary position. Contacts rated .25A @ 115VAC. Mounts in 3/8" Dia. hole & has 1/4" dia X 1/4" long flattened shaft, Overall Dia 3/4". With hardware, fixed stops.

Mounting: P.C. Board/Tabs **WT:** .05

STOCK #	DESCRIPTION	PRICE
7512-SW	4P4T Rotary Switch	\$1.25

DIGITAL COFFEE TIMER



Removed from new Mr. Coffee home coffee makers. Provides the clock and control for brewing coffee. 3 push button switches control the Clock & Brew cycle. 3 pos slide switch controls the function. Clock displays time of day or Brew start time. Auto turn off. .25 Quick connect terminals.

W: 2-1/2" **H:** 4-1/8" **D:** 2-3/8" **WT:** .42

STOCK #	DESCRIPTION	PRICE
7032-SW	Coffee Timer	\$5.95

1P2T MINI ROTARY SWITCH

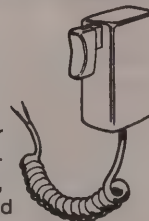


Grayhill PC mount, 71BY234029 rotary switch. Contacts rated .250A @ 115VAC. Mounts in 3/8" Dia. hole & has 1/4" dia X 1/4" long shaft, Overall Dia 3/4". With hardware, fixed stops

Mounting: 3/8" hole/P.C. Board **WT:** .05

STOCK #	DESCRIPTION	PRICE
6962-SW	1P2T Rotary Switch	\$1.25

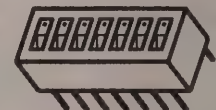
TRIGGER SWITCH & COIL-CORD



Enclosed SPST-NO trigger switch rated 6A @ 125VAC connected to a black vinyl jacketed, 2 conductor coil cord. Collapsed length 3ft.; extended length exceeds 10ft. Switch is UL/CSA Listed.

WT: .6

STOCK #	DESCRIPTION	PRICE
8694-SW	Trigger Switch/Cord	\$9.95



6 POSITION DIP SWITCH

Grayhill multi-position DIP switch with slide type actuator. Contact rated: 1mA @ 5VDC.

Mounting: P.C. Board/DIP socket **WT:** .01

STOCK #	DESCRIPTION	PRICE
7265-SW	6 Position DIP Switch	\$0.60

SPDT PADDLE SWITCHES

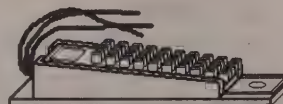


Fancy C&K 71XX series paddle switches. Contacts Rated 5 Amps @ 120V AC. PC board tails. Available as listed below: SPDT only (On-None-On),

Mounting: Ears on 1-3/8" ctrs. **WT:** .2

STOCK #	DESCRIPTION	PRICE
1736-SW	SPDT only/Black Handle	4/\$1.00
1878-SW	SPDT only/Red Handle	4/\$1.00

CHEAP FOOT SWITCH

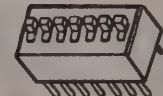


SPST-NO plastic foot switch with internal 7.5A fuse. Peel-N-Stick backing. Three 36" single conductor wires; Red is power to the fuse; Blue is power from fuse back to equipment, Brown is switch contact. Contact closes between Brown and Blue.

L: 4-3/4" **W:** 2" **H:** 1" **WT:** .2

STOCK #	DESCRIPTION	PRICE
5308-SW	Foot Switch	\$2.95

7 POSITION DIP SWITCH

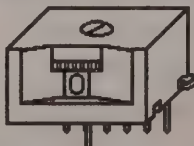


CTS, #206-7, 7 position DIP switch, slide action actuator. 10VA Contact

Mounting: P.C. Board/IC socket **WT:** .01

STOCK #	DESCRIPTION	PRICE
3652-SW	7 Pos. DIP Switch	\$0.70

BCD THUMBWHEEL



SAE 1X22222-2000 STRIP-PAK PC mount thumb-switch. Black body with black wheel & white numbers. Contact rated: 100mA @ 28VDC max switching. True outputs. Only 13/16" sq. X 7/16" thick

Mounting: PC Board **WT:** .02

STOCK #	DESCRIPTION	PRICE
7223-SW	BCD Thumbwheel Switch	\$1.50

7 POSITION DIP SWITCH



AMP 3-435640-8, 7 position DIP switch, rocker actuator. 10VA Contact

Mounting: P.C. Board/IC socket **WT:** .01

STOCK #	DESCRIPTION	PRICE
7695-SW	AMP 7 Pos. DIP Switch	\$0.70

1 HOUR 24 VAC TIMER



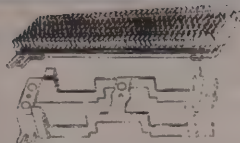
Cramer cam timer, 24VAC, 4 watt, 60Hz, 1 RPH. Two adj. cams: one for ON, other for off. SPDT micro switch rated 10A @ 125VAC. Runs continuous until power is removed

L: 2-3/4" **W:** 3" **D:** 2-3/4" **WT:** .001

STOCK #	DESCRIPTION	PRICE
4872-MI	24V AC 1hr Timer	\$12.95

TELEPHONE ACCESSORIES

TYPE 66 PUNCH-DOWN BLOCK



Standard Type 66M punchdown block for terminating 25 pair, multi-line phone cables. Also used for security systems & similar applications. Type 89 Plastic Mounting Bracket for 66M Block
WT: .5 Block .2 Mtg. Bracket

STOCK #	DESCRIPTION	PRICE
7186-TT	Type 66 Punch Block	\$12.95
7187-TT	Type 89 Block Bracket	\$2.79

"MOD" WALL PLATE

"Mod" wall plates fit standard duplex electrical box. For use in pre-wired or new installation. Available in Beige 4 wire 6 X 4, White 4 wire 6 X 4, Beige 6 wire 6 X 6
WT: .1



STOCK #	DESCRIPTION	PRICE
4233-TT	Beige 6X4 RJ-11 Plate	\$1.33
4234-TT	White 6X4 RJ-11 Plate	\$1.47
4235-TT	Beige 6X6 RJ-12 Plate	\$2.05

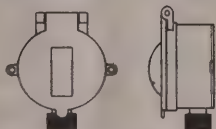
F-81 & RJ-11 WALL PLATE



Flush mount Beige wall plate combines a F-81 "F" connector & RJ-11 phone jack into one plate.
WT: .1

STOCK #	DESCRIPTION	PRICE
4908-TT	Phone & TV Wall Plate	\$2.04

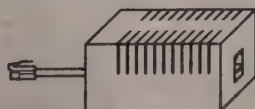
OUTDOOR PHONE JACK



Drip proof phone RJ-11 phone jack.. Plated, cast metal box with spring loaded cover, and foam rubber seal. Two mounting ears with friction nut cable entry on bottom. Standard 4 wire "Modular" jack inside.
WT: .5

STOCK #	DESCRIPTION	PRICE
4737-TT	Outdoor Jack	\$4.50

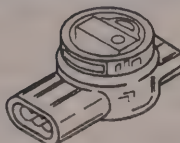
REMOTE PHONE RINGER



Can be connected between phone line & phone or plugged into any "Mod" phone outlet. Mechanical bell produces pleasing ring. 7" long "Mod" plug and case mounted "Mod" jack. On-Off switch to disable ringer.
L: 3-1/4" **W:** 2-3/8" **T:** 1-3/4" **WT:** .4

STOCK #	DESCRIPTION	PRICE
7169-TT	Remote Phone Bell	\$9.50

UR "BEENIE" SPLICES



Standard 3-port UR crimp splices. Provides permanent gas tight connection for 19-26AWG solid conductor wire
WT: .001

STOCK #	DESCRIPTION	PRICE ea
		25+ 100+
5872-TT	UR Crimp Splice	\$0.14 \$0.12

UY "BEENIE" SPLICES



Standard 3-M 2-port UY2 crimp splices. Provides permanent gas tight connection for 19-26AWG solid conductor wire
WT: .001

STOCK #	DESCRIPTION	PRICE ea
		25+ 100+
7166-TT	UY Crimp Splice	\$0.18 \$0.16

"B" SPLICES



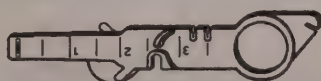
Standard type "B" crimp splices. Provides permanent connection for phone or alarm wires.
WT: .001

STOCK #	DESCRIPTION	PRICE ea
		25+ 100+
5873-TT	"B" Crimp Splice	\$0.10 \$0.09



Connects between phone line & phone. Records both sides of conversation. Automatically starts cassette recorder when phone is picked up. Recorder must have remote mike & control jacks. Does not affect operation of other phones. **LAW REQUIRES ALL PARTIES BE TOLD THAT THE CONVERSATION IS BEING RECORDED**
WT: .32

STOCK #	DESCRIPTION	PRICE
6394-TT	Auto Record Switch	\$15.95



PHONE WIRING TOOL

Woods Wire Products #1223, plastic tool used to help install phone wiring in your home. Designed for do-it-yourself projects; measures strip length, strips jacket of round cable, strips conductors, holds staple and wire while stapling
WT: .06

STOCK #	DESCRIPTION	PRICE
4841-TL	Wiring Tool	\$0.99



IMPACT PUNCH DOWN TOOL

Heavy duty, punch-down tool with adjustable impact pressure. For solid conductor wire. Interchangeable blades allow use on Type 66 or 88/110 blocks. **Order blades sep.**
WT: Tool .4 Blades .04

STOCK #	DESCRIPTION	PRICE
5960-TL	Punch Tool	\$43.95
5961-TL	Type 66 Blade	\$11.95
5962-TL	Type 88/110 Blade	\$11.95

8 COND. PHONE PLUG CRIMPING TOOL



Heavy duty, modular crimp tool for 8 conductor flat cable used in alarm dialers, modems, etc. Metal construction for production line or commercial use.
WT: 1

STOCK #	DESCRIPTION	PRICE
3262-TL	Crimp Tool 8 Cond.	\$16.95

MODULAR PHONE PLUG CRIMPING TOOL



Heavy duty, modular crimp tool for standard 4 or 6 conductor flat cable, metal construction for production line or commercial use.
WT: 1

STOCK #	DESCRIPTION	PRICE
3261-TL	Crimp Tool 4/6 Cond.	\$12.95

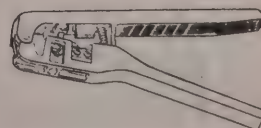
HANDSET MODULAR PLUG CRIMPING TOOL



Heavy duty, modular crimp tool for the mini flat cable plug used in the handset. Metal construction for production line or commercial use.
WT: 1

STOCK #	DESCRIPTION	PRICE
3263-TL	Crimp Tool Handset	\$17.95

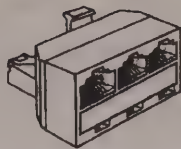
MODULAR PHONE PLUG TOOL



Light duty, modular strip & crimp tool for flat cable, plastic construction with metal die. For home use.
WT: .5lb. each Tool

STOCK #	DESCRIPTION	PRICE
5772-TL	RJ-11 4X6 Tool	\$4.95
5984-TL	RJ-12 6X6 Tool	\$4.95
5985-TL	Both Tools	\$8.95

TELEPHONE ACCESSORIES



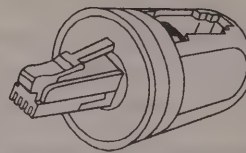
"Y" ADAPTER

"Y" adapter allow three pieces of phone equipment to share one outlet. One "Mod" plug to three "Mod" jacks. 6 X 4 RJ-11 jacks (4 Wire)

WT: .01

STOCK #	DESCRIPTION	PRICE
4909-TT	3 Way "Y" Adapter	\$1.80

NO TWIST ADAPTER

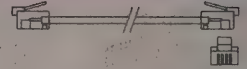


"No Twist" adapter is used to prevent tangled handset cords. A must if you move around while on the phone.

WT: .02

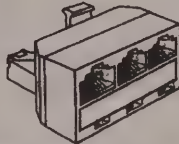
STOCK #	DESCRIPTION	PRICE
4229-TT	No Twist Adapter	\$3.69

MODULAR PHONE CABLES



Mod cables made up in convenient lengths. Cross wired for telephone use; or parallel for data use.

STOCK#	LENGTH	TYPE	WT.	PRICE
1703-TT	7in	Data	.01	\$0.75
4241-TT	7ft	Phone	.1	\$1.45
4242-TT	7ft	Data	.1	\$1.45
4243-TT	14ft	Phone	.5	\$2.45
4244-TT	14ft	Data	.5	\$2.45
4245-TT	25ft	Phone	1	\$3.49
4246-TT	25ft	Data	1	\$3.49



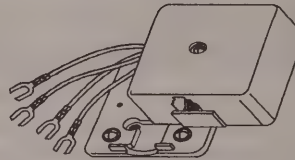
"Y" LINE SPLITTER

Splitter changes a RJ-11 4 X 6 "MOD" 2 line jack into 3 jacks. One jack has Line 1 & Line 2; second jack has Line 1 only and third jack has line 2 only.

WT: .01

STOCK #	DESCRIPTION	PRICE
5936-TT	"Y" Line Splitter	\$1.95

SURFACE MOUNT JACK

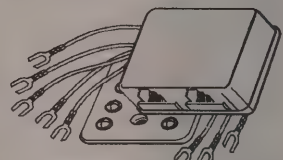


Surface mount RJ-11 "Mod" jack with internal terminal block.

WT: .09

STOCK #	DESCRIPTION	PRICE
4230-TT	4 Wire Surface Jack	\$1.68
4231-TT	6 Wire Surface Jack	\$1.95

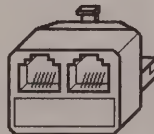
SURFACE MTG. DUAL JACK



Surface mount "Mod" RJ-11 jacks with internal block. Two jacks with separate wiring terminals. For two lines or inter-wire for single line with two outlets.

WT: .1

STOCK #	DESCRIPTION	PRICE
4232-TT	Dual Jack	\$3.25



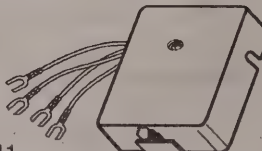
"Y" ADAPTER

"Y" adapters allow two pieces of phone equipment to share one outlet. One RJ type "Mod" plug to two RJ type "Mod" jacks.

WT: .005

STOCK #	DESCRIPTION	PRICE
4225-TT	4 Wire "Y" Adapter	\$0.95
4226-TT	6 Wire "Y" Adapter	\$1.00

REPLACEMENT "MOD" JACK



Surface mount, RJ-11, 4 X 6 "Mod" jack without internal terminal block. Used to replace those older type 42 4-prong covers, also replaces broken "Mod" covers that have terminal blocks. Fit right over the existing terminal block.

WT: .07

STOCK #	DESCRIPTION	PRICE
6470-TT	Replacement Jack	\$0.69

RJ-31X BRIDGING PHONE JACK



Wall mount mod jack for interfacing security or data systems to Telco lines. 8 contacts; two pair are bridging & open when the plug is inserted. Allows line seizure by security/data systems. Used as RJ-31X thru 38X jack. 8 color coded leads brought to screw terminals.

WT: .01

STOCK #	DESCRIPTION	PRICE
2552-TT	RJ-31X Bridging Jack	\$3.00

TELEPHONE MOD JACK GENDER CHANGERS



Modular phone gender changer. Two RJ type jacks back to back. Allows you to connect two cables together etc. Beige plastic cover.

WT: .08

STOCK #	DESCRIPTION	PRICE
4145-TT	6X4 RJ Gender Changer	\$0.75
5730-TT	6X6 RJ Gender Changer	\$0.95
6496-TT	RJ-45 Gender Changer	\$1.25

TELEPHONE MOD JACK WALL PLATE

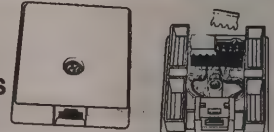


6X4 RJ-11Mod phone jack that mounts on a standard wall outlet box. Standard 4 conductor jack. Beige plastic cover plate with locking spring cover keeps jack in the plate. Screw terminals on back.

WT: .16

STOCK #	DESCRIPTION	PRICE ea
4144-TT	Wall Plate Jack	\$0.75 1+ \$0.50 50+

IDC SINGLE SURFACE JACKS

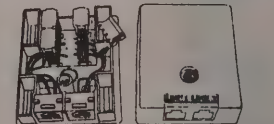


Surface mount with RJ type "Mod" jack with screw cover. internal connections are 110 Insulation displacement type

WT: .2

STOCK #	DESCRIPTION	PRICE
7167-TT	IDC RJ-11 4X6 Jack	\$5.15
5959-TT	IDC RJ-12 6X6 Jack	\$5.25
7168-TT	IDC RJ-45 8X8 Jack	\$5.50

IDC DUAL SURFACE JACK



Surface mount with Dual RJ type "Mod" jacks with screw cover. internal connections are 110 Insulation displacement type. Labeled "Line 1" Line 2.

WT: .2

STOCK #	DESCRIPTION	PRICE
7171-TT	IDC RJ-11 4X6 Jack	\$6.00
7172-TT	IDC RJ-12 6X6 Jack	\$6.25
7173-TT	IDC RJ-45 8X8 Jack	\$6.50



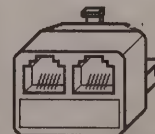
25FT. EXTENSION CORD

4 wire cords with "Mod" Plug on one end & either a single RJ-11 jack or a dual RJ-11 "Y" jack on other.

WT: .1

STOCK #	DESCRIPTION	PRICE
4912-TT	25ft. Extender	\$2.50
4910-TT	25ft. Dual "Y" Extender	\$2.90

"Y" ADAPTER SPECIAL



"Y" adapters allow two pieces of phone equipment to share one outlet. One RJ type "Mod" plug to two RJ type "Mod" jacks.

WT: .005

STOCK #	DESCRIPTION	PRICE ea
7363-TT	4 Wire "Y" Adapter	\$0.50 1+ \$0.39 50+

TELEPHONE ACCESSORIES



UL LISTED "MOD" CRIMP PLUGS

UL Listed, Standard crimp-on "Modular" cable plugs for Flat Cable.

WT: .001

STOCK #	DESCRIPTION	PRICE 25+
6282-TT	6X4 RJ-11 Mod Plug	\$0.11ea
6283-TT	6X6 RJ-12 Mod Plug	\$0.16ea
6284-TT	8X8 RJ-45 Mod Plug	\$0.20ea



FLAT CABLE

Flat, multi-conductor 28AWG, bulk pack cable. Used to interconnect phone equipment to wall jack, or handset to phone. 1000ft. put-ups only

WT: 10 lbs 4 conductor 15lbs 6 conductor

STOCK #	DESCRIPTION	PRICE
4239-WI	1000' 4 Cond. Silver Cable	\$45.00
6285-WI	1000' 4 Cond. Ivory Cable	\$45.00
6286-WI	1000' 6 Cond. Silver Cable	\$65.00
6287-WI	1000' 6 Cond. Ivory Cable	\$65.00

PHONE LINE JACK



Berg #623K 4 X 6 contact (RJ-11) telephone modular jack like the one on the back of your phone. 8" color coded leads (red, black, green, yellow)

WT: .01

STOCK #	DESCRIPTION	PRICE
5964-TT	4X6 RJ-11 Jack 623K	\$0.45

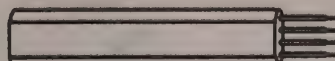


"MOD" CRIMP PLUGS

Standard crimp-on "Modular" plugs. For flat cable Available for line or handset.

WT: .001

STOCK #	DESCRIPTION	PRICE 25+
4236-TT	6X4 RJ-11 Mod Plug	\$0.10ea
4237-TT	6X6 RJ-12 Mod Plug	\$0.15ea
4238-TT	4X4 Hand Set Mod Plug	\$0.15ea



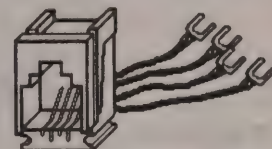
UL LISTED FLAT CABLE

Flat, UL listed multi conductor 26 AWG bulk pack cable. Used to interconnect phone equipment to wall jack, or handset to phone. Silver color, 1000ft put-ups only.

WT: 12 lbs 4 conductor 17lbs 6 conductor

STOCK #	DESCRIPTION	PRICE
8349-WI	1000' UL 4 Cond. Cable	\$64.00
8350-WI	1000' UL 6 Cond. Cable	\$94.00

PHONE HANDSET JACK



Gray Berg #616P 4 X 4 contact telephone modular jack like the one on the side of your phone for the handset. 6" color coded leads (red, black, green, white) with spade lugs.

WT: .01

STOCK #	DESCRIPTION	PRICE
7095-TT	4X4 Handset Jack 616P	\$0.65

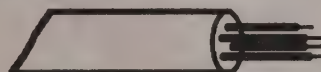


ROUND CABLE "MOD" CRIMP PLUGS

Crimp-on "Modular" plugs for Round cable.

WT: .001

STOCK #	DESCRIPTION	PRICE 25+
5945-TT	6X4 RJ-11 Mod Plug	\$0.13ea
5946-TT	6X6 RJ-12 Mod Plug	\$0.15ea



CATEGORY 3 BULK STATION CABLE

Round multi conductor bulk pack cable. Twisted pairs, 24AWG solid conductor. Used to pre-wire in walls, ceilings etc. 1000ft put-ups only.

WT: 10 lbs 4 cond. 20lbs 8 cond.

STOCK #	DESCRIPTION	PRICE
7403-WI	4 Cond. Cat-3 Round Cable	\$52.00
7404-WI	8 Cond. Cat-3 Round Cable	\$85.00

PHONE HANDSET JACK



Gray Berg #616B 4 X 4 contact telephone modular jack like the one on the side of your phone for the handset. 6" color coded leads (red, black, green, white) with spade lugs.

WT: .01

STOCK #	DESCRIPTION	PRICE
7177-TT	4X4 Handset Jack 616B	\$0.50



KEYSTONE WALL PLATE

Keystone wall plates fit standard duplex electrical box & hold from 1 to 3 Keystone jacks (not supplied)

WT: .02

STOCK #	DESCRIPTION	PRICE
5942-TT	Keystone 1 Cavity Plate	\$1.10
5943-TT	Keystone 2 Cavity Plate	\$1.10
5944-TT	Keystone 3 Cavity Plate	\$1.10

CATEGORY 5 KEYSTONE JACK



Category 5 Keystone modular RJ-45 (8X8) jacks for Data Networks. Heavy Gold plated contacts. For 24-26AWG solid wire. Type 110 or IDC termination.

WT: .2

STOCK #	DESCRIPTION	PRICE
7191-TT	Cat. 5 Keystone 110 type	\$5.55
7281-TT	Cat. 5 Keystone IDC type	\$5.50

PHONE HANDSET JACK

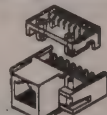


Ivory Type #616C 4 X 4 contact telephone modular jack like the one on the side of your phone for the handset. 6" color coded leads (red, black, green, white) with spade lugs.

WT: .01

STOCK #	DESCRIPTION	PRICE
7176-TT	4X4 Handset Jack 616C	\$0.65

KEYSTONE PHONE JACK



Category 3, for voice or low speed Data. Keystone telephone modular jacks. IDC termination. Pressing down the plastic cover forces the wire into the gold plated contacts. For 24-26AWG solid wire.

WT: .02

STOCK #	DESCRIPTION	PRICE
7181-TT	Keystone 6X4 RJ-11	\$1.95
7182-TT	Keystone 6X6 RJ-12	\$1.95
7183-TT	Keystone 8X8 RJ-45	\$1.95

PHONE LINE JACK

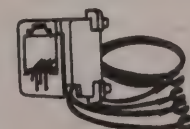


2 wire, (TIP & RING) Berg #623K 2 X 6 contact (RJ-11) telephone modular jack like the one on the back of your phone. 6" color coded leads (red, green)

WT: .01

STOCK #	DESCRIPTION	PRICE
5964-TT	2X6 RJ-11 Jack 623K	\$0.35

PHONE HANDSET JACK



Gray Type #616T 4 X 4 contact telephone modular jack like the one on the side of your phone for the handset. 8" color coded leads (red, black, green, white) with spade lugs.

WT: .01

STOCK #	DESCRIPTION	PRICE
7522-TT	4X4 Handset Jack 616T	\$0.65

PHONE PRIVACY CONTROL

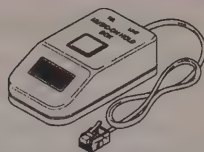


First device to answer or pick-up the line gains exclusive control of line. Prevents eavesdropping of private phone conversations and also prevents interruption of FAX or data transmissions. Line Powered. Note; both devices must be attached to this unit. No batteries needed!

L: 2-3/4" W: 1-9/16" T: 1" WT: .1

STOCK #	DESCRIPTION	PRICE
8575-TT	Phone Privacy Control	\$5.95

PHONE MUSIC ON HOLD



Connects between phone and line. Plays electronic melody when Hold button is pressed. LED indicator advises that phone is on Hold. Line Powered, No batteries needed!

L: 2-3/4" W: 1-9/16" T: 1" WT: .1

STOCK #	DESCRIPTION	PRICE
8576-TT	Phone Music on Hold	\$5.95

PHONE AUTO RECORDER

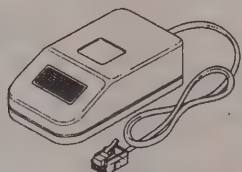


Connects between phone line & phone. Controls your cassette recorder and records conversations. Starts recorder when hand set is lifted. LED indicator light. Requires recorder with mike & control inputs. Line Powered, No batteries needed!

L: 2-3/4" W: 1-9/16" T: 1" WT: .1

STOCK #	DESCRIPTION	PRICE
8578-TT	Phone Auto Recorder	\$5.95

PHONE MESSAGE TERMINATOR

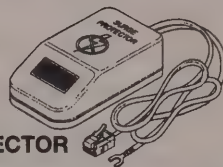


Connects between phone line & phone equipment. Stops answer machine message from being heard when any phone is picked up.

L: 2-3/4" W: 1-9/16" T: 1" WT: .1

STOCK #	DESCRIPTION	PRICE
8895-TT	Message Terminator	\$5.95

PHONE LINE SURGE PROTECTOR

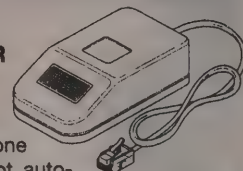


Connects between phone line & phone equipment. Protects cordless phones, FAX machines, modems etc. from spikes

L: 2-3/4" W: 1-9/16" T: 1" WT: .1

STOCK #	DESCRIPTION	PRICE
8579-TT	Surge Protector	\$5.95

PHONE RECORDER & LINE TESTER



Connects between phone line & phone. While not automatic; unit allows you to start a recorder without any line change or "Click". To test your line just plug into a jack and depress test button, if LED lights Line is good. Line Powered, No batteries needed!

L: 2-3/4" W: 1-9/16" T: 1" WT: .1

STOCK #	DESCRIPTION	PRICE
8582-TT	Phone Recorder & Tester	\$5.95

REMOTE PHONE FLASHER & RINGER

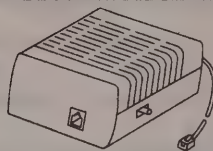


Connects between phone line & phone or plugged into any "Mod" phone outlet. Selectable Flash only or Flash & Ring. Bell produces pleasing ring. 7" long "Mod" plug and case mounted "Mod" jack. Line powered no batteries!

L: 3" W: 2-3/8" T: 1-1/2" WT: .4

STOCK #	DESCRIPTION	PRICE
8574-TT	Remote Bell & Flash	\$5.95

REMOTE PHONE RINGER

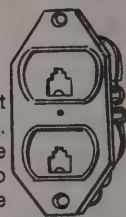


Connects between phone line & phone or plugged into any "Mod" phone outlet. Selectable Ringer "on-off". Bell produces pleasing ring. 7" long "Mod" plug and case mounted "Mod" jack. Line powered no batteries!

L: 3-1/4" W: 2-3/8" T: 1-3/4" WT: .4

STOCK #	DESCRIPTION	PRICE
8577-TT	Remote Phone Bell	\$5.95

TELEPHONE MOD DUPLEX JACK

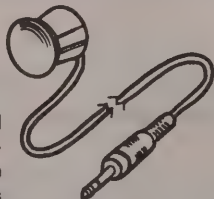


6X6 RJ-12 Dual Mod phone jack that mounts in a standard wall outlet box. 2 Standard 6 conductor jacks have individual screw terminals to accommodate 2 separate lines. Beige plastic with sliding covers over each jack. Screw terminals on back. UL/CSA

WT: .11

STOCK #	DESCRIPTION	PRICE
8307-TT	Duplex RJ-12 Jacks	\$1.00

SUCTION CUP TELEPHONE PICKUP



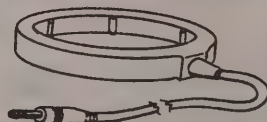
Small magnetic pickup coil that has an attached suction cup. Attaches to the phone earpiece and picks up both sides of conversation. 3ft. cord with 1/8" mini phone plug.

Dia: 7/8" L: 1"

WT: .07

STOCK #	DESCRIPTION	PRICE
7668-TT	Telephone Pickup Loop	\$2.50

TELEPHONE PICKUP LOOP



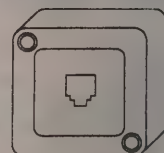
Magnetic pickup loop that attaches to the phone earpiece and picks up both sides of conversation. Designed to fit standard earpiece, may not fit all phones. 4ft. cord with 1/8" mini phone plug.

Dia: 2-1/4" ID

WT: .07

STOCK #	DESCRIPTION	PRICE
7669-TT	Telephone Pickup Loop	\$2.25

RJ-11 SURFACE JACK



Surface mount with RJ-11 (4 X 6) "Mod" jack that faces out rather than to the side. Four screw terminals on back for wires. 2 screws for surface mounting on wall or baseboard. UL listed.

WT: .08

STOCK #	DESCRIPTION	PRICE
8583-TT	RJ-11 Surface Jack	\$1.25

PC MT. PHONE RJ-11 JACK



Single position, PC mount 4 X 6 contact (RJ-11 type) telephone modular jack. Black plastic body & gold pins. Face fits in 1/2" sq. cutout. Plug fits Tab up.

L: 5/8" W: 9/16" H: 11/16" WT: .005

STOCK #	DESCRIPTION	PRICE
7917-TT	Black PC Mt. RJ-11	\$0.45

PC MT. PHONE RJ-11 JACK



Single position, PC mount 4 X 6 contact (RJ-11 type) telephone modular jack. Gray plastic body & gold pins. Flush Face. Plug fits Tab up.

L: 1/2" W: 9/16" H: 11/16" WT: .005

STOCK #	DESCRIPTION	PRICE
8777-TT	Gray PC Mt. RJ-11	\$0.45

PC MT. PHONE LINE JACKS



4 position, PC mount 6 X 6 contact (RJ-12 type) telephone modular jack. Black plastic body & gold pins. For patch panels, Call Directors etc.

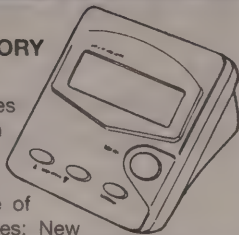
L: 1-25/32" W: 5/8" H: 9/16" WT: .02

STOCK #	DESCRIPTION	PRICE
7902-TT	Four 6X6 Jack Strip	\$0.75

TT SYSTEMS TELEPHONE EQUIPMENT

CALLER ID WITH 99 NUMBER MEMORY

Model TT-99N features extra Large 3 row, High Resolution LCD Display. Displays: Name/Number, Date & Time of call, Total calls. Indicates: New call, Out of Area, Long distance, Private (ID blocked), Incoming call & Low battery. Redial button allows dialing of displayed number. Erase button for selective deleting or total erase of call records. Requires 9V battery (not supplied)



WT: .68

STOCK #	DESCRIPTION	PRICE
8815-TT	TT-99N Caller ID	\$24.95

2 LINE CALLER ID WITH 99# MEMORY

Model TT-99TL features extra Large 3 row, High Resolution LCD Display. Displays: Name/Number, Date & Time of call, Total calls. Indicates: New call, Out of Area, Long distance, Private (ID blocked), Incoming call & Low battery. Directory function allows you to create customized names (such as "Doctor", "Mom") for calling parties as a replacement for ID name delivery or where name delivery is not available. Requires 9V battery (not supplied).

WT: .77

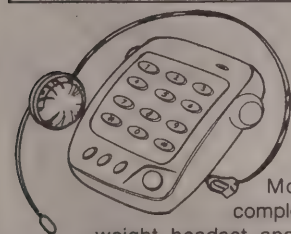
STOCK #	DESCRIPTION	PRICE
8814-TT	TT-99TL Caller ID	\$59.95

MICRO-CASSETTE TELE-RECORDER

Model VR-100 personal recorder & adaptor plugs directly into wall MOD RJ-11/12 connector on single phone line. Record both sides of the conversation. Voice activated system starts & stops recording by detecting audio. Selectable 2 speed record. One button record & playback. Recorder can be used for dictation, memos, etc. when not connected to phone line. Batteries not supplied.

WT: .7

STOCK #	DESCRIPTION	PRICE
8822-TT	VR-100 Tele-Recorder	\$39.95



HEADSET TELEPHONE

Model HT-100 is a complete phone with a light weight headset and keypad base for hands-free operation. Features: Tone/Pulse switch, Flash, Hold, Mute, slide volume control, in use LED indicator, Hi-Lo ringer switch, Last # redial, adjustable boom mike. 9ft headset cord and 7ft phone line cord with MOD plugs.

WT: .78

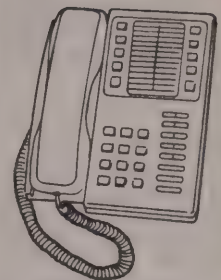
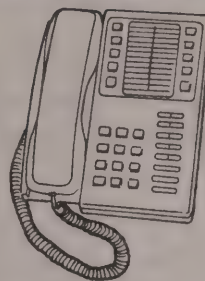
STOCK #	DESCRIPTION	PRICE
8816-TT	HT-100 Headset Phone	\$39.95

THINGS TO REMEMBER

Many of these items may require additional service from your phone service provider.

This includes: Caller ID, Call Waiting ID, Enhanced Caller ID. Distinctive Ring and other services. Some of these may not be available in your area. Please check with your provider before purchase.

The recording of phone conversations require certain legal safeguards. Be sure to inquire as to these requirements before attempting to record.



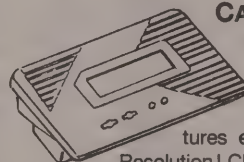
4 LINE BUSINESS SPEAKERPHONE

Model 5200-TT advanced small office or home phone. System grows as you grow. Desk or wall mount Non KSU phone(s) services 1-4 lines, 1-12 stations. Features: Tone/Pulse switch, Line status indicators, auto line select, 2 level handset volume, electronic speakerphone volume, 3 way call conferencing, hold with LED indicator, Handsfree dialing, 12# speed dial, Last # redial, and much more. Full multiplexing allows intercom, page, & phone lines to be active at the same time. Single line requires 1 twisted pair, 2 lines 2 pairs (std phone cable is 2 pair) etc. to all stations. Uses standard MOD plugs, 1 RJ-12 (4X6) for incoming lines 1 + 2 and 3 + 4. Remember that to have intercom & paging requires multiple 5200 phones.

WT: 3.4

STOCK #	DESCRIPTION	PRICE
8810-TT	5200-TT Office Phone	\$139.95
	4 or more 5200 phones	\$129.95

CALLER & CALL WAITING ID WITH 80# MEMORY



Model TT-80NCW features extra Large 3 row, High Resolution LCD Display. Features: Caller ID & Call Waiting Caller ID. Shows Time in idle mode. Displays: Name/Number, Date & Time of call, Total & New calls. Indicates: New call, Out of Area, Long distance, Private (ID blocked), Incoming call & Low battery. Redial button for dialing of displayed number. Erase button for selective deleting or total erase of call records. Requires 9V battery (not supplied)

WT: 1.1

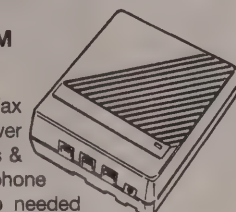
STOCK #	DESCRIPTION	PRICE
8821-TT	TT-80NCW Caller ID	\$49.95

AUTO FAX/MODEM SWITCH

Model DLE-250 auto Fax switch for use with answer machines, Fax machines & Fax modems on single phone line. No special hookup needed simply plugs into any std. MOD jack. Detects the unique signals generated by fax machines & routes calls to the fax or the answer machine. Compatible with phone co. distinctive ringing, most answer & fax machines. Password feature allows selective receipt of faxes.

WT: 1.9

STOCK #	DESCRIPTION	PRICE
8811-TT	DLE-250 Auto FAX Switch	\$59.95

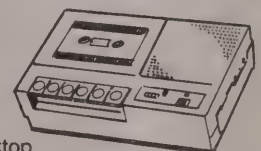


DESKTOP CASSETTE TELE-RECORDER

Model VTR-500 desktop phone recorder & adaptor plugs directly into wall MOD RJ-11/12 connector on single phone line. Record both sides of conversation. Optional "Beep" every 15sec. Voice activated, starts & stops recording by detecting audio. 2 speed record. One button record & playback. Recorder can be used for dictation, memos, etc. when not connected to phone line. AC adapter & C-60 Cassette included.

WT: 2.3

STOCK #	DESCRIPTION	PRICE
8813-TT	VTR-500 Tele-Recorder	\$99.95

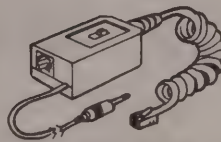


TAPE RECORDER ADAPTOR

Model TR-70 recorder adaptor plugs directly into the handset MOD connector on your phone. Allows you to record both sides of the conversation. Since it plugs into the phone; it will operate with single & multi-line phones, analog or digital PBX systems. Use any voice-activated, std. or mini cassette recorder with a microphone. For through phone play back, recorder needs an earphone jack.

WT: .17

STOCK #	DESCRIPTION	PRICE
8820-TT	TR-70 Phone Recorder	\$19.95



MODEM MATE MODEM ADAPTOR

Model MPA-100 modem adaptor plugs directly into the handset MOD connector on your phone avoiding possible damage to your laptop/Fax/phone. Compatible with virtually all modems up to 28.8k bps. Since it plugs into the phone; it operates with single & multi-line phones, analog or digital PBX systems. Record both sides of phone conversation when used with any voice-activated recorder. For through phone play back, recorder needs an earphone jack. Requires two 9V batteries (not supplied)

WT: .7

STOCK #	DESCRIPTION	PRICE
8812-TT	MPA-100 Phone Recorder	\$69.95



RELAYS

RELAY QUICK GUIDE

Mechanical and Reed type relaycontacts are designed to carry both AC and DC currents
Solid State relays do not have contacts therefore are for AC operation ONLY unless otherwise noted

Stock #	Type	-----Coil/Control-----			-----Contacts-----			Terminals	Mfg/PN	Pg
		Volts	Current	Ohms	Arrangement	Rating max				
6261-RL	Mechanical	5VDC	-	500	SPST-NC	120VAC 1A	P.C.	Elec-trol	BBS1B05A10	53
8286-RL	Mechanical	5VDC	-	60	4PDT	60W/120VA	P.C.	NEC	MR24-4R08NA	54
7445-RL	Mechanical	12VDC	-	-	SPDT	120VAC 10A	P.C.	Guardian	1345	53
4498-RL	Mechanical	12VDC	-	1K	SPST-NO	100V .5A	P.C.	IDEC	RN1A-12	55
4799-RL	Mechanical	12VDC	-	-	SPDT	12VDC 3A	P.C.	Fujitsu	FBR111	55
5551-RL	Mechanical	12VDC	-	1.3K	SPDT	120VAC 3A	P.C.	Magnecraft	W49RE1C1VG	55
5974-RL	Mechanical	12VDC	-	-	SPST-NO	240VAC 10A	Faston	Artisan	RXG12VDC3RX150	53
5975-RL	Mechanical	12VDC	-	-	SPDT	120VAC 5A	P.C.	Airpax	33A23D-12	53
1918-RL	Mechanical	12VDC	-	-	SPST-NO	12VDC 15A	Faston	Littlefuse	3996204	55
5869-RL	Mechanical	12VDC	-	120	SPDT	120VAC 13A	Solder/socket	Magnecraft		54
5364-RL	Mechanical	12VDC	-	-	SPST-NC	120VAC 30A	Faston	Midtex	188-258B200	55
7907-RL	Mechanical	12VDC	-	80	SPDT	12VDC 20A	Faston	Bosch	0-332-207-119	53
7756-RL	Mechanical	12VDC	-	-	SPST-NO	120VAC 3A	P.C.	ITT	LZ-12WS	55
7903-RL	Mechanical	12VDC	-	85	SPST-NO	12VDC 30A	Faston	Bosch	0-332-014-167	55
8325-RL	Mechanical	12VDC	-	-	SPST-NO	277VAC 30A	P.C.	Aromat	JTaG-DC12V	56
8787-RL	Mechanical	12VDC	-	-	DPDT	250VAC 10A	Faston	P&B	KUIP-11D55-12	55
8713-RL	Mechanical	24VDC	-	-	4PDT	277VAC 25A	Screw	P&B		56
8304-RL	Mechanical	24VDC	-	1.2K	DPDT	30VDC 2A	P.C.	Omron		53
7753-RL	Mechanical	24VDC	-	-	SPDT	120VAC 1A	P.C.	Hasco		54
0956-RL	Mechanical	24VDC	-	2.2K	SPDT	28VDC 3A	P.C.	Primesource		54
3987-RL	Mechanical	24VDC	-	-	4PDT	30VA/50W	P.C.	NEC	MR10-N26	54
4280-RL	Mechanical	24VDC	-	470	SPDT	240VAC 10A	Solder/socket	Fujitsu	FRL	55
5976-RL	Mechanical	24VDC	-	-	SPDT	240VAC 16A	P.C.	Omron	G2R117PVRPUS	53
3845-RL	Mechanical	24VDC	-	-	SPST-NO	240VAC 30A	Screw	Deltrol	900	53
4970-RL	Mechanical	24VDC	-	-	SPDT	277VAC 15A	Faston	P & B	KUM-4057-1	54
3981-RL	Mechanical	24VDC	-	-	SPST-NO	277VAC 30A	Faston	GE	3ARR27AU32	55
7563-RL	Mechanical	24VDC	-	1200	4PDT	30VDC 2A	P.C.	Aromat	NF4EB-24V	55
7479-RL	Mechanical	24VDC	-	-	3PDT	250VAC 10A	Solder/socket	P & B	KUP14D15	54
7275-RL	Mechanical	24VDC	4.2mA	Latching	DPDT	24VDC 3A	P.C.	Omron	G6A-234P-ST40	54
8788-RL	Mechanical	24VDC	-	1200	DPDT	250VAC 5A	P.C.	Aromat	NC2D-JPL2-DC24V	55
8302-RL	Reed	24VDC	-	2.4K	STST-NO	50V/.3A	P.C.	Clare	MSS71A24	55
2197-RL	Reed	24VDC	-	2.1K	SPST-NO	10VA	P.C.	Clare	PRMA1000B	54
7348-RL	Mechanical	26.5VDC	-	-	DPDT	26VDC 2A	Solder	Phil-Trol	30-04AR-A	54
4197-RL	Mechanical	48VDC	-	2.8K	4PDT	120AC/30DC 1A	P.C.	Fujitsu	FRL414DO48/04CT	54
4180-RL	Mechanical	100VDC	-	-	4PDT	120VAC 5A	P.C.	ITT	4B-EH	55
4836-RL	Mechanical	110VAC	-	-	SPDT	120VAC 5A	Faston	Deltrol	29096	55
7698-RL	Mechanical	-	2mA	-	SPDT	28VDC 2A	P.C.	P & B	R10S-E2-Y1-J2.5K	54

SOLID STATE RELAYS

8703-RL	Solid State	3-24VDC	-	-	SPST-NO	240VAC 4A	P.C.	Opto-22	MP240D4	56
8737-RL	Solid State	3.5-7VDC	-	-	SPST-NO	240VAC 1A	Faston	Crydom	CS3933	56
4062-RL	Solid State	3.8-28VDC	-	-	SPST-NO	240VAC 10A	Screw			56
5200-RL	Solid State	3.5-8VDC	-	-	SPST-NO	240VAC 2A	P.C.	Crydom	S3022A	56
8364-RL	Solid State	3-32VDC	-	-	SPST-NO	250VAC 10A	Screw	Teledyne	615-8500	56
7220-RL	Solid State	3.5-8VDC	-	-	SPST-NO	120VAC 2A	P.C.	Crydom	S3012A	56
7470-RL	Solid State	5.5-10VDC	-	-	SPST-NO	240VAC 10A	Screw	Electrol		56
7472-RL	Solid State	5VDC	-	-	SPST-NO	240VAC 10A	Screw	Gordos		56

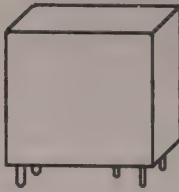
SOLID STATE CONTROL MODULES

7901-RL	Solid State	5VDCin	Output Module		SPST-NO	60VDC 2.5A	P.C.	ANTEX	ODC-11	56
7039-RL	Solid State	.8V @ 75uA	Output Module		SPST-NO	240VAC 3.5A	P.C.	Crydom	6412	56
8316-RL	Solid State	3-32VDC	Input Module		SPST-NO	.4-30VDC logic	P.C.	Opto-22	IDC5	56
7562-RL	Solid State	5VDC in	AC Output Module		SPST-NO	24-280VAC 3.5A	P.C.	Gordos	OAC-5A6V	56
7793-RL	Solid State	90-140AC	in DC LogicOut		SPST-NO	1.4-8VDC 13mA	P.C.	Grayhill	70-IAC-15	56
8610-RL	Solid State	5VDC in	1A/200VDC Out		SPST-NO	200VDC 1A	P.C.	P & B	ODC-5A	56
7931-RL	Solid State	3-8VDC	In Output Module		SPST-NO	60VDC 2.5A	P.C.	Antex	ODC	56
7936-RL	Solid State	24-140VAC	In DC Logic Out		SPST-NO	1.4-8VDC 10mA	P.C.	Antex	IAC	56
8786-RL	Solid State	24-140VAC	In DC Logic Out		SPST-NO	.4-5VDC 13mA	P.C.	Antex	IAC5	56

RELAYS

12VDC RELAY

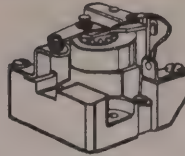
MFG: GUARDIAN
P/N: 1345
COIL VOLTAGE: 12VDC
CONTACTS: SPDT
RATED: 10A 120VAC
CONNECTION: PC Mount.
UL/CSA Listed
L: 1-1/4" W: 3/4" H: 1-1/8" WT: .03



STOCK #	DESCRIPTION	PRICE
7445-RL	12VDC Relay	\$2.50

24VDC 30A RELAY

MFG: DELTROL
P/N: 900
COIL VOLTAGE: 24 VDC
CONTACTS: SPST-NO
RATED: 30A @ 120/240VAC Resistive. 1-1/2Hp
CONNECTION: Screws
UL/CSA Listed
L: 2-1/2" W: 2-1/2" H: 2-1/2" WT: .46



STOCK #	DESCRIPTION	PRICE
3845-RL	30A Power Relay	\$3.50

DELAY TIMER

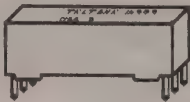
Omnetics MMS115A1CX180 solid state timer. When power is applied, module delays 180 seconds then supplies 115 VAC @ 1A max. to the load until power is interrupted. Recycles each time power is removed and reapplied. .250" quick connect terminals.
L: 1-7/8" W: 1-5/8" H: 1-1/8" WT: .13



STOCK #	DESCRIPTION	PRICE
5983-RL	180 Sec. Delay Timer	\$3.95

PHONE LINE SENSE RELAY

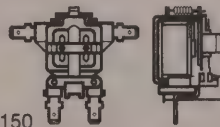
MFG: TELTONE
P/N: M-949
COIL: Dual Sense Coils 18mA pick-up
CONTACTS: SPST-NO
RATED: .5A Max, 200VDC Max, 10W
CONNECTION: PC MOUNT
Line sense relay connects in series with Tip & Ring and detects loop current flow.
L: 1-1/8" W: 3/8" H: 7/16" WT: .014



STOCK #	DESCRIPTION	PRICE
7278-RL	Loop Sense Relay	\$2.50

12VDC RELAY

MFG: ARTISAN
P/N: RXG-12VDC-3-RX-150
COIL VOLTAGE: 12VDC
CONTACTS: SPST
RATED: 10A 240VAC
CONNECTION: .250 faston/solder
Open frame, single screw mount.
L: 1" W: 7/8" H: 1-5/8" WT: .12



STOCK #	DESCRIPTION	PRICE
5974-RL	12VDC Open Relay	\$2.50

SPST-NC 5 VDC SIP RELAY

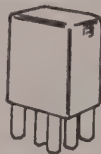
MFG: ELEC-TROL
P/N: BBS1B05A10
COIL VOLTAGE: 5VDC 500 ohm
CONTACTS: SPST NC
RATED: 1A @ 120VAC/30VDC
CONNECTION: PC MOUNT
NORMALLY CLOSED CONTACT
L: 13/16" W: 5/8" H: 9/16" WT: .01



STOCK #	DESCRIPTION	PRICE
6261-RL	5VDC SIP Relay	\$0.75

12VDC AUTO POWER RELAY

MFG: BOSCH (for GM)
P/N: 0-332-207-119
COIL VOLTAGE: 12 VDC 80 ohm
CONTACTS: SPDT
RATED: 20A @ 12VDC NC contact 10 NO Contact
CONNECTION: .250" Quick connect
Enclosed relay fits auto relay sockets or quick connect terminals. Internal resistor across coil
L: 7/8" W: 5/8" H: 1-1/2" WT: .08



STOCK #	DESCRIPTION	PRICE
7907-RL	12V DC 20A Relay	\$1.50

115V AC DELAY TIMER

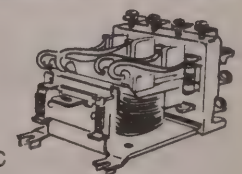
SSAC TS120A-966 solid state timer. When power is applied, module supplies 115 VAC @ 1A max to the load for 30 min. then power is removed from the load. Recycles each time line power is removed and reapplied. .250" quick connect terminals.
L: 2" W: 2" H: 1-1/8" WT: .2



STOCK #	DESCRIPTION	PRICE
4381-RL	30min 115VAC Timer	\$3.75

24VDC 25A RELAY

MFG: P & B
COIL VOLTAGE: 24 VDC
CONTACTS: 4PDT
RATED: 25A/277VAC Resistive. 1hp @ 120/240VAC
CONNECTION: Screws
UL/CSA Listed
L: 2-1/2" W: 2-3/8" H: 2-1/4" WT: .93



STOCK #	DESCRIPTION	PRICE
8713-RL	25A P & B Relay	\$7.95

TIME DELAY RELAY

MFG: VANGUARD
P/N: TDA-5238
VOLTAGE: 115VAC 60Hz
CONTACTS: DPDT
RATED: 5A 125VAC
CONNECTION: 11Pin relay base
Delay on turn on. Enclosed relay. Uses external pot
Approx 1sec delay/33K of resistance 1.2M max (NOT SUPPLIED).
L: 2-3/8" W: 1-3/4" H: 3-1/2" WT: .35



STOCK #	DESCRIPTION	PRICE
7916-RL	Plug-in Time Delay Relay	\$8.95

12VDC RELAY

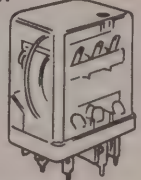
MFG: AIRPAX
P/N: 33A23D-12
COIL VOLTAGE: 12VDC
CONTACTS: SPDT
RATED: 5A 120VAC
CONNECTION: PC Mount.
UL/CSA Listed
L: 1" W: 5/8" H: 7/8" WT: .03



STOCK #	DESCRIPTION	PRICE
5975-RL	12VDC Relay	\$1.95

5VDC DPDT POWER RELAY

MFG: MIDLAND ROSS (MIDTEX)
P/N: 157-96S3A2
COIL VOLTAGE: 5 VDC
CONTACTS: DPDT
RATED: 15A, 1/3Hp @ 120VAC
10A, 1/2Hp @ 240 VAC
CONNECTION: PC Mount
Enclosed relay with PC pins that can be cut off to leave .187 quick conn. UL/CSA Listed
L: 1-1/2" W: 1-3/8" H: 2-1/4" WT: .18



STOCK #	DESCRIPTION	PRICE
7493-RL	5V DC Power Relay	\$4.95

24VDC SPDT RELAY

MFG: OMRON
P/N: G2R117P-V-RP-US
COIL VOLTAGE: 24VDC
CONTACTS: SPDT
RATED: 16A 240VAC/30VDC
CONNECTION: PC Mount
UL/CSA Listed
L: 1-1/8" W: 1/2" H: 1" WT: .04



STOCK #	DESCRIPTION	PRICE
5976-RL	24VDC Relay	\$2.50

TIME DELAY RELAY

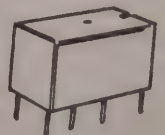
MFG: MAGNECRAFT
P/N: 388ACPSOX-99
VOLTAGE: 120VAC 50/60Hz
CONTACTS: DPST-NO
RATED: 12A 120VAC/28VDC
CONNECTION: SOCKET or .187 faston
3sec Delay on turn on. Enclosed relay. UL/CSA listed
D: 1-3/8" W: 1-1/2" H: 3-1/8" WT: .3



STOCK #	DESCRIPTION	PRICE
8379-RL	3 Sec. Time Delay Relay	\$9.95

24V DC RELAY

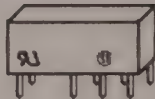
MFG: OMRON
P/N: G5V-2
COIL VOLTS: 24V/1200 ohm DC
CONTACT: DPDT (form-C)
RATED: .5A @ 125VAC 2A @ 30VDC
CONNECTION: PC Mount/DIP socket
UL/CSA approved electro-mechanical relay
L: 3/4" W: 3/8" H: 7/16" WT: .009



STOCK #	DESCRIPTION	PRICE
8304-RL	24VDC Omron Relay	\$1.50

RELAYS

24V DC LATCHING RELAY



MFG: OMRON
P/N: G6A-234P-ST40
COIL VOLTAGE: 24V @ 4.2mA (5760 ohms)
CONTACTS: DPDT
RATED: .3A @ 110VAC/ 3A @ 24VDC Resistive
CONNECTION: PC MOUNT (DIP Socket)
L: .79" W: .4" H: .33" WT: .04

STOCK #	DESCRIPTION	PRICE
7275-RL	24VDC latching Relay	\$1.50

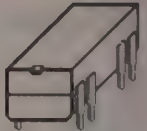
24V DC SPDT RELAY



MFG: HASCO
P/N: BS211DC24
COIL VOLTAGE: 24VDC
CONTACTS: SPDT
RATED: 1A max, @ 120V AC
CONNECTION: PC MOUNT/DIP Socket
UL/CSA Listed electromechanical relay
L: .625" W: .42" H: .44" WT: .01

STOCK #	DESCRIPTION	PRICE
7753-RL	SPDT 24V DC Relay	\$0.95

24V DC DIP REED RELAY



MFG: CLARE
P/N: PRMA 10008
COIL VOLTS: 24V/2100 ohm DC
CONTACT: SPST-NO (form-A)
RATED: 10VA
CONNECTION: PC MOUNT
DIMN.: 14 pin DIP
Life = 5 million operations
Dimn.: 14 Pin DIP WT: .005

STOCK #	DESCRIPTION	PRICE
2197-RL	24VDC DIP Relay	\$1.50

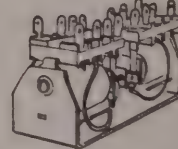
DPDT SEALED RELAY



MFG: PHIL-TROL
P/N: 30-04AR-A
COIL VOLTS: 26.5 VDC
CONTACTS: DPDT
RATED: 2 A @ 26.5 VDC
CONNECTION: Solder Loops
Sealed for Aircraft use
L: 7/8" W: 5/8" H: 1" WT: .03

STOCK #	DESCRIPTION	PRICE
7348-RL	Sealed 26.5V Relay	\$2.50

24V DC 4PDT LATCHING RELAY



MFG: GUARDIAN
P/N: A410-065691-00
COIL VOLTAGE: 24VDC
CONTACTS: 4PDT
RATED: 10A max, @ 120V AC
CONNECTION: .187 Quick Connect
Dual coil mechanical latching
L: 3-1/4" W: 1-3/8" H: 2" WT: .43

STOCK #	DESCRIPTION	PRICE
8785-RL	4PDT 24V DC Latch Relay	\$6.95

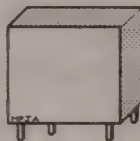
UNIQUE 4 POLE 24V RELAY



MFG: NEC
P/N: MR10-N26
COIL VOLTAGE: 24VDC
CONTACTS: 4PDT
RATED: 1.25A 30VA/50W
CONNECTION: PC MOUNT
3 Break before make and 1 make before break
Bifurcated contacts
L: 1" W: 3/4" H: 1-1/4" WT: .09

STOCK #	DESCRIPTION	PRICE
3987-RL	24V DC Relay	\$0.95

24V DC SPDT 3A RELAY



MFG: CDE
P/N: 601-790BY
COIL VOLTAGE: 24VDC 2.2K ohm
CONTACTS: SPDT
RATED: 3A @ 28VDC
CONNECTION: PC MOUNT
Use in burglar, fire alarms, robots, etc.
L: 1-1/4" W: 3/4" H: 1-3/16" WT: .2

STOCK #	DESCRIPTION	PRICE
0956-RL	24VDC Relay	\$1.00

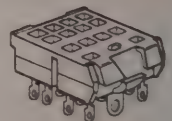
DC CURRENT OPERATED RELAY



MFG: P & B
P/N: R10S-E2-Y1-J2.5K
COIL CURRENT: 2mA DC
CONTACTS: SPDT
RATED: 2 A @ 28 VDC
CONNECTION: PC MOUNT
Current operated relay for sensing & control.
L: 1" W: 3/4" H: 1-1/2" WT: .08

STOCK #	DESCRIPTION	PRICE
7698-RL	12VDC Relay	\$1.75

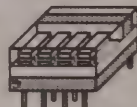
RELAY SOCKET



Chassis mount relay socket holds 4PDT "Ice Cube" relay. 14 eyelet terminals plus grounding lug. Snap-in mounts in 1" X .850" cutout. No Hold down springs.

STOCK #	DESCRIPTION	PRICE
6360-RL	Relay Socket	\$1.00

4 POLE 48V RELAY



MFG: FUJITSU
P/N: FRL-414DO48/04CT
COIL VOLTAGE: 48VDC /2.8K ohm
CONTACTS: 4PDT
RATED: 1A @ 120VAC/30VDC
Resistive, 1/10Hp @ 120VAC
CONNECTION: PC MOUNT
Bifurcated contacts
L: 1-1/4" W: 13/16" H: 1/2" WT: .03

STOCK #	DESCRIPTION	PRICE
4197-RL	48VDC Relay	\$1.75

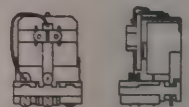
24V DC SPDT RELAY



MFG: P & B
P/N: KUM-4057-1
COIL VOLTAGE: 24 VDC
CONTACTS: SPDT
RATED: 15A @ 277VAC Resistive
1/4Hp @ 125 VAC
CONNECTION: .187 quick conn
UL/CSA Listed
L: 1-3/8" W: 2-1/2" H: 2-1/4" WT: .17

STOCK #	DESCRIPTION	PRICE
4970-RL	24V DC Relay	\$1.50 240+ \$0.95

12V DC RELAY



MFG: MAGNECRAFT
P/N: W388X-2
COIL: 12VDC 120ohms
CONT. RATED: SPDT 13A Resistive
1/3 hP @ 120VAC
CONNECTION: .187" Fastons
Open frame with SPDT silver alloy contacts. .187" solderable Quick connect terminals also fits into relay socket. UL/CSA listed
L: 2" W: 1-3/8" H: 1-1/4" WT: .13

STOCK #	DESCRIPTION	PRICE
5869-RL	SPDT 12V DC Relay	\$1.25

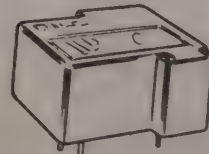
24V DC SPDT RELAY



MFG: P & B
P/N: KUP-14D15
COIL VOLTAGE: 24 VDC
CONTACTS: 3PDT
RATED: 10A @ 250VAC Resistive
1/3Hp @ 120 VAC
CONNECTION: .187 quick conn
UL/CSA Listed
L: 1-3/8" W: 1-1/2" H: 2-1/4" WT: .18

STOCK #	DESCRIPTION	PRICE
7479-RL	24V DC Relay	\$4.95

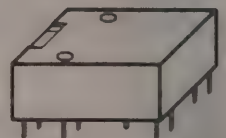
12V DC POWER RELAY



MFG: AROMAT
P/N: JTaG-DC12V
COIL VOLTS: 12V DC
CONTACT: SPST-NO
RATED: 30A @ 277VAC (UL) 10A @ 277VAC (CSA)
CONNECTION: PC Mount
UL/CSA approved electro-mechanical relay
L: 1-1/4" W: 1" H: 3/4" WT: .055

STOCK #	DESCRIPTION	PRICE
8325-RL	12VDC Aromat Relay	\$1.95

5V DC DIP RELAY



MFG: NEC
P/N: MR24-4R08NA
COIL VOLTAGE: 5VDC 60ohm
CONTACTS: 4PDT
RATED: 2A (60W/125VA)
CONNECTION: PC MOUNT
L: .79" W: .4" H: .33" WT: .011

STOCK #	DESCRIPTION	PRICE
8286-RL	NEC 5VDC Relay	\$3.95

RELAYS

24V DC DIP REED RELAY

MFG: CLARE
P/N: MSS71A24
COIL VOLTS: 24V/2100 ohm DC
CONTACT: SPST-NO (form-A) Mercury Wetted
RATED: 300mA max 50V DC max Non Switching
CONNECTION: PC Mound/DIP socket
DIMN.: 14 pin DIP
VDE approved



Dimn.: 14 Pin DIP WT: .005

STOCK #	DESCRIPTION	PRICE
8302-RL	24VDC DIP Relay	\$1.45

12V DC 3A SPDT RELAY

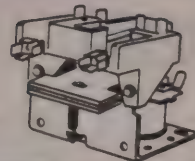
MFG: FUJITSU
P/N: FBR-111
COIL VOLTAGE: 12 VDC
CONTACTS: SPDT
RATED: 3 A @ 12 VDC
CONNECTION: PC MOUNT
Sealed for automotive use.
L: 7/8" W: 5/8" H: 1" WT: .04



STOCK #	DESCRIPTION	PRICE
4799-RL	12VDC Relay	\$1.25

24V DC RELAY

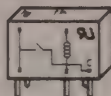
MFG: GE
P/N: 3ARR27AU32
COIL VOLTAGE: 24 VDC
CONTACTS: SPST-NO
RATED: 30A/277VAC Resistive.
motor load: 125A locked rotor 25A Run
CONNECTION: .250 Faston
Both lines connect to relay but only one switched.
L: 3-1/4" W: 2-1/4" H: 2-3/4" WT: .6



STOCK #	DESCRIPTION	PRICE
3981-RL	24VDC Motor Relay	\$1.95

12V DC MINI RELAY

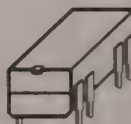
MFG: Prime Source
P/N: P7AVSSA12D
COIL VOLTAGE: 12VDC
CONTACTS: SPST-NO
RATED: 3A @ 120VAC/30VDC
CONNECTION: PC MOUNT/DIP Socket
UL listed, electro-mechanical relay
L: .6" W: .4" H: .44" WT: .01



STOCK #	DESCRIPTION	PRICE
7756-RL	SPST -NO 12V DC Relay	\$0.95

12V DC DIP RELAY

MFG: IDEC
P/N: RN1A-12
COIL VOLTS: 12V/1000 ohm DC
CONTACT: SPST-NO (form-A)
RATED: .5A @ 100V AC/DC
CONNECTION: PC MOUNT
Life = 20 million operations
Dimn.: 14 Pin DIP WT: .005



STOCK #	DESCRIPTION	PRICE
4498-RL	12VDC DIP Relay	\$1.50

115VAC @ 20A DELAY TIMER

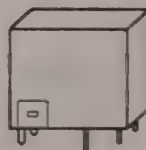
SSAC TH1C41150 solid state timer. When power is applied, module supplies 115 VAC @ 20A max to the load after a 150 sec delay. Recycles each time line power is removed and reapplied. .250" quick connect terminals.
L: 2" W: 2" H: 1-1/2" WT: .22



STOCK #	DESCRIPTION	PRICE
7754-RL	20A 115VAC Timer	\$5.95

12V DC RELAY

MFG: MAGNECRAFT
P/N: W49RE1C1VG-12DC-SIL
COIL VOLTS: 12 VDC 1350 ohm
CONTACTS: SPDT
RATED: 3A @ 120VAC/28VDC
CONNECTION: PC MOUNT
UL/CSA Listed
L: 1-3/16" W: 3/4" H: 1-1/8" WT: .07



STOCK #	DESCRIPTION	PRICE
5551-RL	12VDC Relay	\$1.25

100V DC 4PDT RELAY

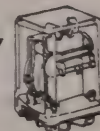
MFG: ITT
P/N: ITT4B-EH
COIL VOLTAGE: 100 VDC
CONTACTS: 4PDT
RATED: 5A 120VAC/30DC Rest.
CONNECTION: PC MOUNT
PC or socket mtg. UL/CSA Listed
L: 1-1/16" W: 7/8" H: 1-3/8" WT: .08



STOCK #	DESCRIPTION	PRICE
4180-RL	100V DC Relay	\$0.95

24VDC SPDT POWER RELAY

MFG: Fujitsu
P/N: FRL-251
COIL VOLTAGE: 24 VDC 470 ohm
CONTACTS: SPDT
RATED: 10A 240VAC/30DC 1/2HP
CONNECTION: Plug-in with .187 quick conn.UL/CSA Listed
WT: .12



STOCK #	DESCRIPTION	PRICE
4280-RL	24V DC Fujitsu	\$2.50

12VDC SPST POWER RELAY

MFG: MIDTEX
P/N: 188-258B200
COIL VOLTAGE: 12 VDC
CONTACTS: SPST-NC
RATED: 30A, 1Hp @ 120VAC
30A, 1.5Hp @ 240 VAC
CONNECTION: .250 quick conn
Motor start relay Normally Closed Contacts. UL/CSA Listed
L: 1-1/2" W: 1-1/2" H: 2-1/4" WT: .17



STOCK #	DESCRIPTION	PRICE
5364-RL	12V DC Power Relay	\$3.50

12VDC DPDT POWER RELAY

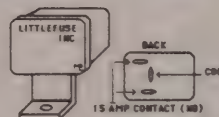
MFG: P & B
P/N: KUIP-11D55-12
COIL VOLTAGE: 12 VDC
CONTACTS: DPDT
RATED: 10A, 250VAC Rest.
3A 1/2hp 600VAC
CONNECTION: Socket/.187 quick connect.
Removed from equipment. Socket or flange mtg. UL/CSA Listed
H: 2-1/4" W: 1-1/2" L: 1-1/4" WT: .18



STOCK #	DESCRIPTION	PRICE
8787-RL	12V DC Power Relay	\$3.95

12V POWER RELAY

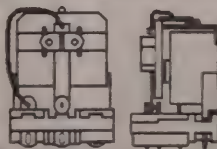
MFG: LITTLEFUSE
P/N: 3996204
COIL VOLTAGE: 12 VDC
CONTACTS: SPST-NO
RATED: 15A @ 12VDC
CONNECTION: .25" quick conn.
One side of coil, connected to steel case
L: 1-5/8" W: 1-5/8" H: 1-3/8" WT: .11



STOCK #	DESCRIPTION	PRICE
1918-RL	12V DC Relay	\$0.75 10+ \$0.50

110V AC RELAY

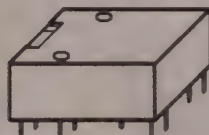
MFG: DELTROL
P/N: 29096-60
COIL VOLTAGE: 110VAC
CONTACTS: SPDT
RATED: 5A @ 120VAC
CONNECTION: .187 faston
Fits relay socket. UL/CSA Listed
L: 2" W: 1-1/2" H: 1-1/2" WT: .15



STOCK #	DESCRIPTION	PRICE
4836-RL	110V AC Relay	\$1.95

24V DC DIP RELAY

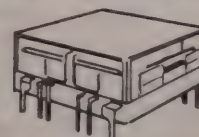
MFG: AROMAT
P/N: NF4EB-24V
COIL VOLTAGE: 24VDC 1200 ohms
CONTACTS: 4PDT
RATED: 2A @ 30VDC Resistive
CONNECTION: PC MOUNT
L: 1.165" W: 1" H: .425" WT: .033



STOCK #	DESCRIPTION	PRICE
7563-RL	24VDC4PDT Aromat Relay	\$3.95

24V DC LATCHING RELAY

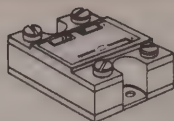
MFG: AROMAT
P/N: NC2D-JPL2-DC24V
COIL VOLTAGE: Dual 24VDC 1200 ohms
CONTACTS: DPDT
RATED: 5A @ 125/250VAC
CONNECTION: PC MOUNT
Dual coil latching relay. UL/CSA listed
L: 1.1" W: 1" H: .425" WT: .03



STOCK #	DESCRIPTION	PRICE
8788-RL	24VDC Latching Relay	\$3.95

RELAYS

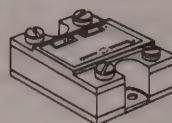
USED SOLID STATE RELAYS



CONTROL VOLTS: See Below
 RATED: 10A @ 240VAC Resistive
 CONNECTION: Screw
 Used, Tested, Opto-Isolated. UL/CSA Listed
 L: 2-1/4" W: 1-3/4" H: 1" WT: .2

STOCK #	DESCRIPTION	PRICE
7470-RL	Electrol 5.5 -10VDC Control	\$4.95
7472-RL	Gordos 5VDC Control	\$4.95

10A SOLID STATE RELAY



CONTROL VOLTS: 3.8-28 VDC
 RATED: 10A @ 240VAC Resistive
 CONNECTION: Screw
 Used, Tested, Opto-Isolated. UL/CSA Listed
 L: 2-1/4" W: 1-3/4" H: 0.1" WT: .2

STOCK #	DESCRIPTION	PRICE
4062-RL	10A Used SSR	\$3.95 50+ \$3.50

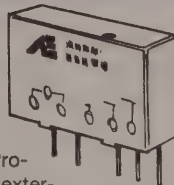
MINI SOLID STATE RELAY



MFG: CRYDOM
 P/N: S3012A
 CONTROL VOLTS: 3.5-8 VDC
 RATED: 2.0A, 120VAC
 CONNECTION: PC MOUNT
 UL/CSA Listed
 L: 1-7/16" W: 3/4" H: 11/16" WT: .1

STOCK #	DESCRIPTION	PRICE
7220-RL	Mini Solid State Relay	\$5.50

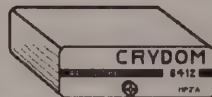
SOLID STATE AC INPUT MODULE



ANTEX IAC5 Input module. Provides input interface between external power/loads & 5V logic systems. Rated input: 24-140VAC @ 11mA.; logic level output: .4-5VDC @ 13mA Max. 4KV isolation. UL/CSA Listed
 L: 1-11/16" W: 9/16" H: 1-1/4" WT: .1

STOCK #	DESCRIPTION	PRICE
8786-RL	AC Input Module	\$5.95

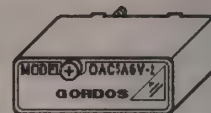
SOLID STATE OUTPUT MODULE



Crydom 6412 buffered output module. Provides noise free output interface between microprocessors & external load. Rated for 5VDC logic systems. Input: Active current sink .08V @ 75uA. Output: 3.5A @ 240VAC load. Snubber for low PF loads. 4KV isolation. UL/CSA Listed
 L: 1-11/16" W: 5/8" H: 1-1/4" WT: .1

STOCK #	DESCRIPTION	PRICE
7039-RL	Output Module	\$5.95

SOLID STATE OUTPUT MODULE



Gordos OAC-5A6V output module. Provides interface between external power/loads & DC logic systems. Rated logic input: 5VDC; Output: 24-280VAC @ 3.5A. 4KV isolation.
 L: 1-3/4" H: 1-1/4" T: 5/8" WT: .09

STOCK #	DESCRIPTION	PRICE
7562-RL	AC Output Module	\$6.95

SOLID STATE LOGIC MODULES



ANTEX Logic module. Provides noise free Input or output interface between logic systems & external load. Rated for 5VDC logic systems. DC output module: Input: 3-8VDC Output: 2.5A @ 60VDC (max) load. AC input module: Input: 24-140VAC Output: Open collector active Low. 5VDC nominal Vcc.
 L: 1-11/16" W: 5/8" H: 1" WT: .1

STOCK #	DESCRIPTION	PRICE
7931-RL	DC Output Module	\$3.95
7936-RL	AC Input Module	\$3.95

MINI SOLID STATE RELAY



MFG: CRYDOM
 P/N: S3022A
 CONTROL VOLTS: 3.5-8 VDC
 RATED: 2.0A, 240VAC
 CONNECTION: PC MOUNT
 UL/CSA Listed
 L: 1-7/16" W: 3/4" H: 11/16" WT: .1

STOCK #	DESCRIPTION	PRICE
5200-RL	Mini Solid State Relay	\$5.95

SOLID STATE DC OUTPUT MODULE



ANTEX ODC-11 DC output module. Provides noise free output interface between microprocessors & external load. Rated for 5VDC logic systems. Input: 3-8VDC (5V Nom). Output: 2.5A @ 60VDC (max) load.
 L: 1-11/16" W: 5/8" H: 1" WT: .1

STOCK #	DESCRIPTION	PRICE
7901-RL	Output Module	\$3.95

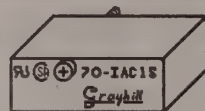
220V AC 1A SOLID STATE RELAY



MFG: CRYDOM
 P/N: CS3933
 CONTROL VOLTS: 3.5-7VDC
 RATED: 1A @ 240VAC
 CONNECTION: .187" faston/solder
 UL/CSA listed, metal mtg. base
 L: 1-3/4" W: 7/8" H: 7/8" WT: .1

STOCK #	DESCRIPTION	PRICE
8737-RL	Crydom 1A 5V Relay	\$3.00

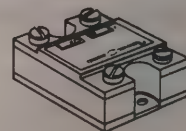
SOLID STATE AC INPUT MODULE



Grayhill 70-IAC-15 Input module. Provides input interface between external power/loads & 15V logic systems. Rated input: 90-140VAC @ 11mA.; logic level output: .4-18VDC (15V nom) @ 13mA Max. 4KV isolation. UL/CSA Listed
 L: 1-11/16" W: 9/16" H: 1-1/4" WT: .1

STOCK #	DESCRIPTION	PRICE
7793-RL	AC Input Module	\$5.95

10A SOLID STATE RELAY



MFG: TELEDYNE
 P/N: 615-8500
 CONTROL VOLTS: 3-32 VDC
 RATED: 10A @ 250VAC Resistive
 CONNECTION: Screw
 Removed from Equipment. Opto-Isolated. UL Listed
 L: 2-1/4" W: 1-3/4" H: 1" WT: .22

STOCK #	DESCRIPTION	PRICE
8364-RL	10A Solid State Relay	\$4.95

SOLID STATE INPUT MODULE



Opto-22 IDC-5 input module. Provides input interface between external power/loads & 5VDC logic systems. Rated input: 3-32VDC @ 12mA.; logic level output: .4-30VDC @ .1-100mA. 4KV isolation. UL/CSA Listed
 L: 1-11/16" W: 5/8" H: 1-1/4" WT: .1

STOCK #	DESCRIPTION	PRICE
8316-RL	IDC-5 Input Module	\$6.95

MINI SOLID STATE RELAY



MFG: OPTO-22
 P/N: MP240D4
 CONTROL VOLTS: 3-24VDC
 RATED: 4.0A, 240VAC
 CONNECTION: PC MOUNT
 UL/CSA Listed
 L: 1.7" W: .4" H: 1" WT: .04

STOCK #	DESCRIPTION	PRICE
8703-RL	Opto-22 Mini Relay	\$4.95

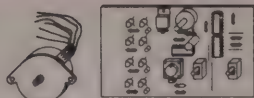
SOLID STATE OUTPUT MODULE



Potter & Brumfield ODC-5A output module. Provides input interface between external power/loads & DC logic systems. Rated output: 1A-200VDC max; logic level input: 5VDC @ 21mA max. 4KV isolation. UL/CSA Listed
 L: 1-11/16" W: 5/8" H: 1-1/4" WT: .1

STOCK #	DESCRIPTION	PRICE
8610-RL	ODC-5 Output Module	\$7.95

STEP MOTOR DRIVER KIT



Motor driver kit for bipolar step motors, kit comes complete with board, parts and a 12V DC/7.5 deg motor, variable speed, reversible. As built approx. 5RPM at min & 25 RPM Max with 7.5° motor. Will drive other 12V step motors, requires 12V DC input. L: 3-7/8" W: 2-3/4" H: 1-1/2" WT: 1

STOCK #	DESCRIPTION	PRICE
3344-KT	Step Motor DriveKit	\$24.95 \$19.95

5V STEP MOTOR

MFG: AIRPAX

P/N: LA82770-H-M2

TYPE: 2 Phase 8 lead UNIPOLAR

COIL RATING: 5VDC/5ohm

HOLDING TORQUE: 18 Oz/in

STEP ANGLE: 7.5 deg.

Hi-performance motor with Bronze bearings, 1/4" dia.

X 1/4" steel shaft 2.625" mounting ctrs. 6" leads.

L: 2" max Dia: 2-1/4" less ears WT: .6

STOCK #	DESCRIPTION	PRICE
5705-MS	5VDC Step Motor	\$2.50

15V STEP MOTOR

MFG: Superior

P/N: MP70-1A-A4-9Z-025

TYPE: 4 Phase Uni-Polar 8 lead

COIL : 15VDC/.5A

STEP ANGLE: 7.5 deg.

USED motor with .250" dia X .625" long shaft with 20 tooth plastic gear held by steel pin, 8" leads, Four 5/16" mounting holes.

L: 2.5" W: 2.75" sq. WT: 1.4

STOCK #	DESCRIPTION	PRICE
7521-MS	15VDC Step Motor	\$5.95

12V STEP MOTOR

MFG: NMB

P/N: PM55L-048-HPA7

TYPE: 2 Phase 6 lead

COIL RATING: 12VDC/10ohm

HOLDING TORQUE: 1500 gm/cm

STEP ANGLE: 7.5 deg.

Bronze bearings, Dual, 5/32" (4mm) dia. X 11/32" (9mm) steel shafts. 2-9/16" mounting ctrs. 14" leads. 16 tooth X 5/16" dia. brass gear pressed on front shaft

L: 1-11/16" max Dia: 2-3/16" less ears WT: .5

STOCK #	DESCRIPTION	PRICE
8677-MS	12VDC Step Motor	\$3.95

.72 DEG. STEP MOTOR

MFG: VEXTA

COIL : 4 ohm/.75A

TYPE: 5 Phase 6 lead

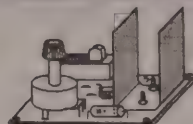
STEP ANGLE: .72 deg

Rare 500 step/rev. motor, 1/4" dia. X 1" shaft with plastic 3/4" dia X 1-1/8" plastic hub glued on. Four .175" mounting holes. No other Info. available.

L: 3-1/2" O/A W: 2-3/8" sq. WT: 1.4

STOCK #	DESCRIPTION	PRICE
8668-MS	.72° Vextra Step Motor	\$12.95

DC MOTOR SPEED CONTROL KIT



12V DC motor or lamp control kit. Will control any 12V DC load up to 10A. uses pulse width mod. to give 5% to 98% control range. Kit contains all parts and a 12 V DC demo motor. Ideal for DC tools, science fair projects.

L: 3" W: 2-3/8" H: 1-3/4" WT: .63

STOCK #	DESCRIPTION	PRICE
4057-MD	DC Motor Control Kit	\$15.95

5V DC STEP MOTOR WITH LEADSCREW

MFG: HAYDON

P/N: 35403

TYPE: 2 Phase Uni-Polar 4 lead

COIL : 5VDC/40ohms

STEP ANGLE: 15 deg.

.125" dia X 1.5" long shaft, with 1.25" cut as a

lead screw. Approx. .12"/Rev

L: 1" + shaft Dia: 1.25 WT: .2

STOCK #	DESCRIPTION	PRICE
7736-MS	Haydon Leadscrew Motor	\$3.95

9.6V STEP MOTOR

MFG: VEXTA

P/N: Custom

TYPE: 2 Phase Uni-Polar 6 lead

COIL : 9.6VDC/.3A

HOLDING TORQUE: 22oz/in

STEP ANGLE: 1.8 deg.

Size 17 motor with 3/16" dia X 1/2" long shaft. 12" leads, Four 4-40 threaded mounting holes.

L: 1-7/8" W: 1-5/8" sq. WT: .5

STOCK #	DESCRIPTION	PRICE
8844-MS	9.6VDC VEXTA Step Motor	\$2.95

3.6° STEPPER MOTOR

Howard mini stepper motors. 3/16" Dia. X 7/16" shaft.

	V ohm	m/h	Hld trq	Type
	12	25	31	600
	4	lead	bi-polar	

L: 1-1/2" W: 1-5/8" H: 1-5/8" WT: .6

STOCK #	DESCRIPTION	PRICE
4317-MS	12V Bipolar Motor	\$3.95

12V GEARHEAD STEP MOTOR

MFG: JAPAN SERVO

P/N: KP4M15G

TYPE: 2 Phase 6 lead

COIL RATING: 12VDC/66ohm

GEAR RATIO: 1/25

STEP ANGLE: 15 deg. motor/.6deg @ shaft

Gearhead stepmotor with Bronze bearings, 3mm dia. X 12mm long flatted steel shaft. 15" leads. Square face with 4 holes on 36mm mounting centers.

L: 1-3/8" W: 1-11/16" sq. WT: .3

STOCK #	DESCRIPTION	PRICE
8875-MS	Gearhead Stepmotor	\$4.95

24V STEP MOTOR

MFG: HOWARD

P/N: 1-19-3400

TYPE: 2 Phase Bi-Polar 4 lead

COIL : 24VDC/.44A/55ohms

HOLDING TORQUE: 3 gm/cm

STEP ANGLE: 1.8 deg.

.250" dia X .625" long shaft, 8" leads. Four 3/16" mounting holes.

L: 1.625" W: 2.187" WT: .8

STOCK #	DESCRIPTION	PRICE
4640-MS	24VDC Step Motor	\$5.95

5V LEADSCREW STEP MOTOR

MFG: HURST

P/N: SP3451

TYPE: 2 Phase 6 lead

COIL RATING: 5VDC/8.5W

Low backlash with 3" X 1/4" dia. leadscrew shaft.

Approx. .1" travel per Rev. 12" leads. No data on this motor at this time.

L: 2-1/2" body Sq.: 2-1/4" WT: 1.4

STOCK #	DESCRIPTION	PRICE
8346-MS	5VDC Leadscrew Motor	\$19.95

12V STEP MOTOR

MFG: PHILLIPS (AIRPAX)

P/N: K82701-P2

TYPE: 2 Phase 8 lead Unipolar

COIL RATING: 12VDC/36 ohm

STEP ANGLE: 7.5 deg.

Bronze bearings, 1/4 dia. X 5/8" steel shaft. 2-5/8" mounting ctrs. 15oz/in holding torque 12" leads.

L: 1-3/4" max Dia: 2-1/4" less ears WT: .6

STOCK #	DESCRIPTION	PRICE
7759-MS	12VDC Phillips Motor	\$3.95

12V STEP MOTOR

MFG: NMB

P/N: PM20S-020

TYPE: 2 Phase 6 lead

COIL RATING: 12VDC/100ohm

HOLDING TORQUE: 55 gm/cm

STEP ANGLE: 18 deg.

Mini motor with Bronze bearings, .059" dia. X .25" steel shaft 1" mounting ctrs. 4" leads.

L: 5/8" max Dia: 13/16" less ears WT: .05

STOCK #	DESCRIPTION	PRICE
7319-MS	12VDC MicroStep Motor	\$3.95

5V STEP MOTOR

MFG: NMB Astrosyn

P/N: 23BB-H051-21

TYPE: 2 Phase 6 lead

COIL RATING: 5VDC/7ohm

HOLDING TORQUE: 900 gm/cm

STEP ANGLE: 7.5 deg.

Motor with Bronze bearings, .25" dia. X .625" steel shaft 2-.62" mounting ctrs. 15" leads. 20 tooth X .5" dia Alum. belt drive gear pressed on shaft

L: 3-1/8" max Dia: 2-1/4" less ears WT: .3

STOCK #	DESCRIPTION	PRICE
7322-MS	5VDC Step Motor	\$3.95

MECHANICAL

Back in Stock

5V LINEAR STEPPER

MFG: AIRPAX

P/N: 92149

TYPE: 2 PHASE UNIPOLAR

COIL RATING: 5VDC/15ohm

HOLDING FORCE: 60 Oz

LINEAR STEP: .001in.

Used, clean, non rotating, 1/8" dia. X 1/4" steel shaft
.5" max travel. 1-3/8" mounting ctrs. 6" leads

L: 2" max Dia: 1-1/16"

WT: .08

STOCK #	DESCRIPTION	PRICE
4211-MS	5V DC Linear Step Motor	\$5.95

3V PAGER MOTOR



Mini DC motor for use in pocket pagers. Off center weight on shaft provides the vibrations. Draws 30mA @ 3VDC no load. 1.25" wire leads with header connector.

L: .7" Dia: .5"

WT: .04

STOCK #	DESCRIPTION	PRICE
8055-MD	Pager Motor	\$5.95

MINI 3V DC MOTOR



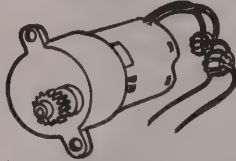
Mini DC motor for use in small cars, trains etc. Operates on 1.5-6VDC .12mm Dia X 1cm long shaft with 4mm" dia. 11 tooth brass gear on shaft. 1.5" leads, Bronze bearings

L: 1-11/32" Dia: 5/8"

WT: .04

STOCK #	DESCRIPTION	PRICE
7738-MD	Mini 3V DC Motor	\$0.99

24V DC GEARHEAD MOTOR



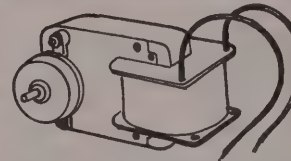
Used, Buehler 24VDC reversible gear motor. 350 RPM @ 24VDC. 5mm dia. X 15mm long shaft with a pressed on 17 tooth plastic gear. 6" leads with noise suppressor toroids. Flange mount.

L: 2-5/8" O/A Dia: 2-1/8" O/A

WT: .4

STOCK #	DESCRIPTION	PRICE
8789-MD	24VDC Gear Motor	\$8.95

120V AC MOTOR

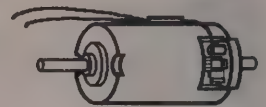


Open frame induction motor rated: 120 VAC, 60Hz, 3000 RPM. 100% Duty cycle. CW rotation as viewed from shaft end. 1/8" dia X 7/16 output shaft, 12" leads. UL listed

L: 2-1/2" W: 1-3/4" H: 2-1/8" WT: .72

STOCK #	DESCRIPTION	PRICE
8082-MA	120VAC Motor	\$1.95

HEAVY DUTY DC MOTOR



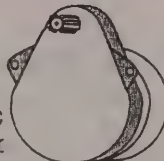
Buehler 13.35 series, instrumentation grade, 24V DC motor. Draws .15A @ 24V no load. Stall current 1.7A. Built in noise suppression. Dual 4mm dia. shafts, 1 shaft is 9/32" long, other is 1/4" long. 10" leads.

L: 2-5/8" Dia: 1-3/8"

WT: .46

STOCK #	DESCRIPTION	PRICE
6322-MD	Heavy Duty DC Motor	\$5.95

110V AC .75 RPH TIMING MOTOR



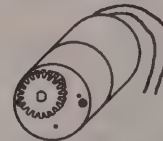
Hansen Synchron, 110 VAC 60Hz, 3W, .75 Rev. Per Hour gearhead timing motor, 1/8" dia X 1/2" shaft with pressed on 12 tooth 3/8" dia. X 3/16" brass gear. 4-1/2" leads, 1-7/8" dia (2-1/2" overall). CCW rotation shaft end.

Dia: 2-1/2" T: 1-1/2"

WT: .5

STOCK #	DESCRIPTION	PRICE
4748-MA	110VAC .75RPH Motor	\$4.95

12V DC GEARHEAD MOTOR



Hi-torque, reversible 12-24V DC gear motor. 30 RPM @ 12VDC. 4.5mm dia. X 15mm long shaft with 20 tooth plastic gear held by steel pin. 5 stage reduction using plastic & metal gears. Solder terminals with 4" leads

L: 3" Dia: 1-3/8"

WT: .42

STOCK #	DESCRIPTION	PRICE
7300-MD	12VDC Gear Motor	\$8.95

24V AC 1 RPM TIMING MOTOR



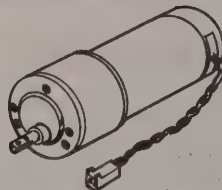
Hansen Synchron, 24 VAC 60Hz, 4W, 1RPM gearhead timing motor, 1/8" dia X 1/2" shaft. 6" leads, 1-7/8" dia (2-1/2" overall). CW rotation as viewed from shaft end.

Dia: 2-1/2" T: 1-1/2"

WT: .5

STOCK #	DESCRIPTION	PRICE
8314-MA	24VAC 1RPM Motor	\$4.95

30V DC GEARHEAD MOTOR



Used, Pittman, instrument grade 30.3VDC reversible gear motor. 11.5/1 gear ratio. 1/4" dia. X 7/16" flattened steel shaft. 5" leads

L: 4-1/2" Dia: 2"

WT: 1.3

STOCK #	DESCRIPTION	PRICE
8893-MD	Pittman 24VDC Gearmotor	\$19.95

24V DC RIGHT ANGLE GEARHEAD MOTOR

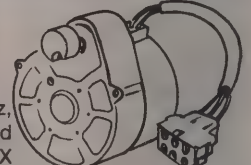


Hi-torque, reversible 24V DC gear motor. 70 RPM @ 24VDC. 8mm dia. X 23mm long shaft with 4cm dia. X 1.5cm thick steel hub held by nut. 5" leads. Made in Germany for diesel powered cars/trucks

L: 6-1/2" W: 4" T: 2-1/2" WT: 1.9

STOCK #	DESCRIPTION	PRICE
8596-MD	24VDC Gear Motor	\$19.95

115V AC 1 RPM TIMING MOTOR



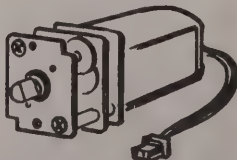
Crouzet 115VAC 60Hz, 3.5W, 1RPM gearhead timing motor, 3/16" dia X 1/2" shaft with double flats. removable offset plastic cam (originally to activate a lever switch). 6" leads, 1-7/8" dia (2-1/2" overall). CW rotation as viewed from shaft end.

Dia: 2-1/2" T: 1-1/2"

WT: .5

STOCK #	DESCRIPTION	PRICE
8608-MA	115VAC 1RPM Motor	\$6.95

3V DC GEARHEAD MICRO MOTOR



Hi-torque, reversible 3 DC gear motor. 34 RPM @ 3VDC. @ 45mA at no load. 1/8" dia. X 1/8" long flattened shaft, 5 stage reduction using metal gears. Solder terminals with 1-1/2" leads

L: 1-3/16" W: 1/2" T: 3/8"

WT: .02

STOCK #	DESCRIPTION	PRICE
9879-MD	3VDC Gear Motor	\$6.95



CREDIT CARD-COD
ORDERS TAKEN BY PHONE
9:00 AM - 4:30 PM (EASTERN)

MONDAY - FRIDAY

CALL

561-848-8236

ORDERS ONLY

CALL

1-800-652-6733

HEAVY DUTY 6V DC MOTOR



Mabuchi RS-540-7511 DC motor. Draws 5A @ 6V no load. Operates from 3-6V DC. Single 1/8" dia. X 1/2" shaft with serrated end. Rear solder terminals.

L: 2-1/4" Dia: 1-3/8"

WT: .33

STOCK #	DESCRIPTION	PRICE
6555-MD	Heavy Duty Motor	\$3.50



HEAVY DUTY 6V DC MOTOR

Johnson 6V DC motor. Draws 3A @ 6V no load. Stall current exceeds 15A. Single 1/4" dia. X 9/16" shaft. Bronze bearings and internal fan. Four 8-32 mounting holes on front. Solderable .187" terminals with 1 side connected to the case

L: 4" O/A" Dia: 2" WT: 1.1

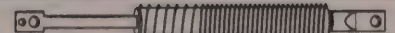
STOCK #	DESCRIPTION	PRICE
7934-MD	Heavy Duty Motor	\$5.95

ROTISSERIE DRIVE

Motor drive unit designed to retro fit to grills. Unit operates on 2 "D" cells. Output accepts 5/16" square rotisserie shaft. Vented black metal case with power switch.

H: 6" O/A" W: 4-1/8" T: 2" WT: .9

STOCK #	DESCRIPTION	PRICE
8894-MD	Rotisserie Drive	\$6.95



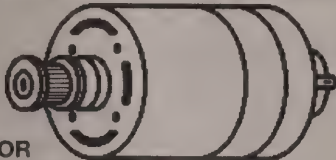
SHAPE MEMORY WIRE ACTUATOR

Simple & small linear actuator has an internal Tinel (Titanium & Nickel alloy) wire helical spring that "remembers" its original formed shape. When heated, spring returns to original shape. Actuator gives 1lb. of force with a 1" PULL only stroke. Ambient self-actuation temp. = 165F, electrical current to activate = 4A AC/DC. For electro/mechanical science projects, auto. furnace vent/dampers & other projects. Brass, Tinel & plastic construction.

L: 3.5" Dia: .375" WT: .03

STOCK #	DESCRIPTION	PRICE
7436-HD	Shape-Memory Actuator	\$7.95

HEAVY DUTY DC MOTOR



Johnson reversible DC motor with sleeve bearings. Draws .15A @ 12V no load. Operates from 6-12V DC. 1/4" dia X 5/8" shaft with pulley for a cog belt. .200" solderable quick connect terminals on back

L: 3-1/2" Dia: 2" WT: 1.1

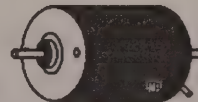
STOCK #	DESCRIPTION	PRICE
7359-MD	Heavy Duty DC Motor	\$8.95

24V DC INSTRUMENT MOTOR

Canon # FP30-H251Z1B sleeve bearing motor. 24 VDC operating voltage, 70gm/cm rated torque @ 24VDC. 6500 RPM @ 24VDC no load. 4mm Dia. X 11.5mm front shaft, 4mm Dia. X 8mm rear shaft. Motor body is 30mm Dia. X 51mm long (1-3/16" Dia. X 2" long). Two 6-32 mounting holes, 3" leads.

L: 2-3/4" Dia: 1-3/16" WT: .3

STOCK #	DESCRIPTION	PRICE
7890-MD	24VDC Canon Motor	\$2.50



12V DC GEARHEAD MOTOR

Used, Globe, instrument grade 12VDC reversible ball bearing gear motor. 65/1 gear ratio (80RPM). 5/16" dia. X 1/2" steel shaft with 1/8" dia. hole 1/4" from end. 6" leads, 4 unthreaded mounting holes in 1-1/2" sq. mtg. flange.

L: 4-1/2" Dia: 1-9/16" WT: 1

STOCK #	DESCRIPTION	PRICE
8896-MD	Globe 12VDC Gearmotor	\$15.95



6V DC GEARHEAD MOTOR



Reversible 6-12V DC gear motor. 100RPM @ 6VDC. 3mm dia. X 19mm long shaft with slight serrations. Plastic gears. Solder terminals

L: 2-1/4" W: 1-1/2" T: 1-1/8" WT: .21

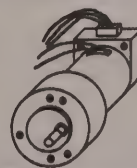
STOCK #	DESCRIPTION	PRICE
7280-MD	6VDC Gear Motor	\$6.95

24V DC GEARHEAD MOTOR

Pittman, instrument grade 24VDC reversible gear motor. 5.9/1 gear ratio. Built in noise suppression, hp opto motion/rate detector (500 counts/rev.). 1/4" dia. X 3/4" flattened shaft. 8" leads

L: 4-1/2" Dia: 2-3/8" WT: 1.1

STOCK #	DESCRIPTION	PRICE
7495-MD	Pittman 24VDC Gearmotor	\$34.95

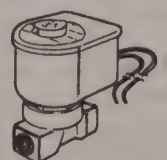


12V DC BRASS SOLENOID VALVE

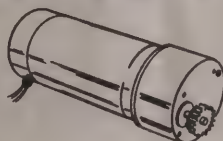
ASCO normally closed 12VDC, 9.7W, brass body LP gas solenoid valve. 11in water column max pressure, ports are 1/4-NPT female. Used in motor homes, campers etc. 15" leads

WT: 1.1

STOCK #	DESCRIPTION	PRICE
8328-HD	12VDC LP Gas Valve	\$4.95



24V DC GEARHEAD MOTOR



USED, Pittman Hi-torque, reversible 24V DC gear motor. 10/1 gear ratio. 4.5mm dia. X 11mm long shaft with 20 tooth plastic gear held by "C" ring. 12" leads

L: 3" Dia: 1-3/8" WT: .55

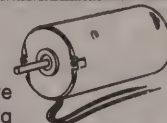
STOCK #	DESCRIPTION	PRICE
7497-MD	12VDC Gear Motor	\$12.95

24V DC INSTRUMENT MOTOR

Canon # FF30-H11N1B sleeve bearing motor. 24 VDC operating voltage, 75gm/cm rated torque @ 24VDC/4700 RPM. 6500RPM @ 24V no load. 2Vrms/1000RPM/8cycle/RPM internal tach. 4mm Dia. X 11.5mm shaft, Motor body is 30mm Dia. X 51mm long (1-3/16" Dia. X 2" long). Two 6-32 mounting holes, solder terminals & 8" tach leads.

L: 2-3/4" Dia: 1-3/16" WT: .3

STOCK #	DESCRIPTION	PRICE
3446-MD	24VDC Canon Motor/Tach	\$4.95



BRASS FITTINGS

A-Inline 1/4" valve with 1/4" compression fittings, 1-1/2" long.

B- Coupling with 1/4 NPT fittings on both ends. 1-3/8" long.

C- Elbow with 1/4" NPT male & 3/8" ID hose fitting.

WT: .04

STOCK #	DESCRIPTION	PRICE
1917-HD	Type A Brass Valve	\$2.50
1433-HD	Type B Brass Coupling	\$0.50
1434-HD	Type C Brass Elbow	\$0.50



18V DC GEARHEAD MOTOR



Hi-torque, Buehler reversible 18V DC gear motor. 22 RPM @ 18VDC. 3mm dia. X 10mm long shaft. 8 stage reduction using plastic & metal gears. Solder terminals

L: 2-1/8" W: 1-1/2" H: 1-1/8" WT: .3

STOCK #	DESCRIPTION	PRICE
7302-MD	18V Gear Motor	\$9.95

CREDIT CARD-COD ORDERS TAKEN BY PHONE 9:00 AM - 4:30 PM (EASTERN)

MONDAY - FRIDAY
CALL

561-848-8236

ORDERS ONLY

CALL

1-800-652-6733



120V AC ROPE HEATER

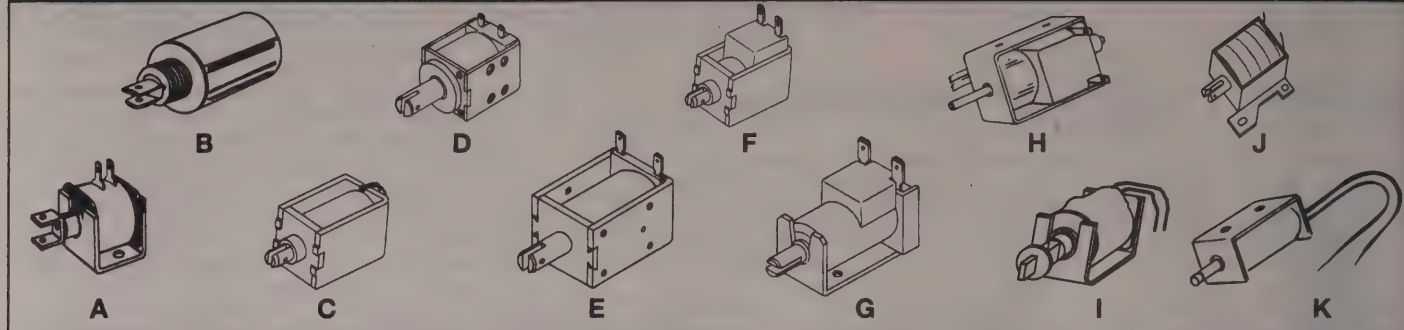
Resistive heater used to flash boil water in coffee maker. Rated 75 Watts @ 120V AC. 10in. heating area, 12in. hi-temp insulated area, 19in. overall. Requires a thermostat and must be in contact with thermally conductive surface. Not designed for repeated flexing or immersion in fluids.

L: 19" Dia: 1/4" WT: .016

STOCK #	DESCRIPTION	PRICE
4790-MI	Rope Heater	\$1.00



SOLENOIDS



120VAC SOLENOID

MFG: GUARDIAN **COIL:** 120VAC 60Hz. 200ohms
DUTY: 100% **STROKE:** 3/8" max
 1/2" Dia.X 1-1/2" Armature including 1/2" deep X 1/2"
 wide metal yoke. Base mount with two 8-32 screws.
 .187" quick connect terminals.
L: 1-7/8" **W:** 1-3/8" **H:** 1-7/8" **WT:** .35

STOCK #	FIG	DESCRIPTION	PRICE
7889-SL	A	120VAC Solenoid	\$2.95

12VDC SOLENOID

MFG: GUARDIAN **22-C-12D** **COIL:** 12VDC
DUTY: Cont. **STROKE:** 1/2" max
 1/4" Dia.X 1-3/8" Armature with 5/16" deep X 1/16"
 wide slot. Solderable .110" quick connect terminals.
L: 1-5/8" **W:** 1" **H:** 3/4" **WT:** .12

STOCK #	FIG	DESCRIPTION	PRICE
8389-SL	F	12VDC Solenoid	\$4.95

6VDC SOLENOID

COIL: 6VDC 38 ohms
DUTY: Cont. **STROKE:** .25" max
 3/16" dia. X 1-1/8" Armature with groove for "C" ring (NO
 "C" included). Two mounting holes on side & 5" leads.
L: 1" **W:** 1/2" **T:** 1/2" **WT:** .04

STOCK #	FIG	DESCRIPTION	PRICE
8659-SL	K	6VDC Solenoid	\$0.99

24VDC SOLENOID

MFG: GUARDIAN **T12X13-I** **COIL:** 24VDC
DUTY: Intern. **STROKE:** .6" max.
 1/2" Dia.X 2-3/8" Armature with 1/2" deep X 3/16"
 wide slot. 150oz holding force. Mounts in 1"Dia. hole.
 12" leads. With mounting nut & washer
L: 2-5/8" **Dia:** 1-1/2" **WT:** .8

STOCK #	FIG	DESCRIPTION	PRICE
8391-SL	B	24VDC Solenoid	\$4.95

12VDC SOLENOID

MFG: GUARDIAN **26DC** **COIL:** 12VDC 81 ohms
DUTY: Cont. **STROKE:** 1/2" max
 Two 6-32 threaded mounting holes on side & 5" leads.
 5/16" Dia.X 1-3/4" Armature with cushion spring & 1/4"
 deep X 1/8" wide saddle bracket. 2oz pull @1/4".
L: 1-3/4" **W:** 7/8" **T:** 1-1/8" **WT:** .2

STOCK #	FIG	DESCRIPTION	PRICE
8546-SL	G	Type 26 12V Solenoid	\$4.95

22VDC SOLENOID

MFG: SHINDENGEN **COIL:** 22VDC
DUTY: Cont. **STROKE:** .5" max
 5/16" Dia.X 2-1/4" Armature with 3/8" deep X 3/32"
 wide slot. 4oz pull @1/4". Mounts in .55"Dia. hole.
 5" leads. With mounting nut.
L: 1-7/8" **Dia:** 3/4" **WT:** .2

STOCK #	FIG	DESCRIPTION	PRICE
8803-SL	B	22VDC Solenoid	\$3.95

24VDC SOLENOID

MFG: GUARDIAN **22DC**
COIL: 24VDC 116 ohms & Internal Diode
DUTY: Int. **STROKE:** .5" max
 Two 4-40 threaded mounting holes on side & 5" leads.
 1/4" Dia.X 1-1/2" Armature with "C" ring & 3/8" deep
 X 1/16" wide slot. 5oz pull @1/4". Diode across coil.
L: 1-1/4" **W:** 3/4" **T:** 3/4" **WT:** .11

STOCK #	FIG	DESCRIPTION	PRICE
8543-SL	C	Type 22 24V Solenoid	\$2.95

24VDC SOLENOID

MFG: GUARDIAN **26DC** **COIL:** 24VDC 34 ohms
DUTY: Int. **STROKE:** 1/2" max
 Two 6-32 threaded mounting holes on side & 5" leads.
 5/16" Dia.X 1-3/4" Armature with "C" ring & 1/4" deep
 X 1/8" wide slot. 12oz pull @1/4".
L: 1-3/4" **W:** 7/8" **T:** 1-1/8" **WT:** .2

STOCK #	FIG	DESCRIPTION	PRICE
8547-SL	G	Type 26 24V Solenoid	\$4.95

30VDC SOLENOID

MFG: LUCAS **COIL:** 30VDC
DUTY: Cont. **STROKE:** .7" max
 5/16" Dia.X 2-1/4" Armature with 3/8" deep X 3/16"
 wide slot. 4oz pull @1/4". Mounts in .55"Dia. hole. 5"
 leads. With mounting nut.
L: 1-7/8" **Dia:** 3/4" **WT:** .2

STOCK #	FIG	DESCRIPTION	PRICE
8556-SL	B	Lucas 30VDC Solenoid	\$3.50

24VDC SOLENOID

MFG: GUARDIAN **4HDDC** **COIL:** 24VDC 15 ohms
DUTY: Int. **STROKE:** 1" max
 Four 8-32 threaded mounting holes on side & 5" leads.
 1/2" Dia.X 3-1/8" Armature with 1/2" deep X 3/16"
 wide slot. 120oz pull @1/4".
L: 2-1/4" **W:** 1-1/2" **T:** 1-5/8" **WT:** .8

STOCK #	FIG	DESCRIPTION	PRICE
8544-SL	D	Type 4HD 24V Solenoid	\$5.95

24VDC PUSH SOLENOID

MFG: GUARDIAN **22DC** **COIL:** 24VDC
DUTY: Cont. **STROKE:** .25" max
 Two 4-40 threaded mounting holes on side & 5" leads.
 Armature with 2oz push @1/4".
L: 1-1/4" **W:** 3/4" **T:** 3/4" **WT:** .11

STOCK #	FIG	DESCRIPTION	PRICE
8548-SL	H	24V Push Solenoid	\$3.95

24VDC SOLENOID

MFG: FX **COIL:** 24VDC 40 ohm
DUTY: Int. **STROKE:** .4" max
 5/16" Dia.X 1-1/4" Armature with 3/8" deep X 3/16"
 wide slot & steel roll pin. Side mount with removable
 bracket. 5" leads.
L: 1-1/8" **W:** 1-1/8" **T:** 1" **WT:** .3

STOCK #	FIG	DESCRIPTION	PRICE
8557-SL	J	FX 24VDC Solenoid	\$2.50

24VDC SOLENOID

MFG: GUARDIAN **48DC** **COIL:** 24VDC 60 ohms
DUTY: Cont. **STROKE:** .9" max
 Four 8-32 threaded mounting holes on side & 20"
 leads. 9/16" Dia.X 1-3/4" teflon coated Armature with
 "C" ring and plastic shock pad & 5/16" deep X 1/8"
 wide slot. 25oz pull @1/4".
L: 2" **W:** 1-1/5" **T:** 1-1/8" **WT:** .7

STOCK #	FIG	DESCRIPTION	PRICE
8545-SL	E	Type 48 24V Solenoid	\$6.95

6VDC SOLENOID

MFG: GUARDIAN **COIL:** 6VDC 2.7ohms
DUTY: Int. **STROKE:** .25" max
 Two 4-40 threaded mounting holes on side & 5" leads.
 Armature with 1/4" deep X 1/8" wide metal yoke. 8oz
 pull @1/4". Removable plastic lever in yoke
L: 1-1/8" **W:** 3/4" **T:** 1" **WT:** .11

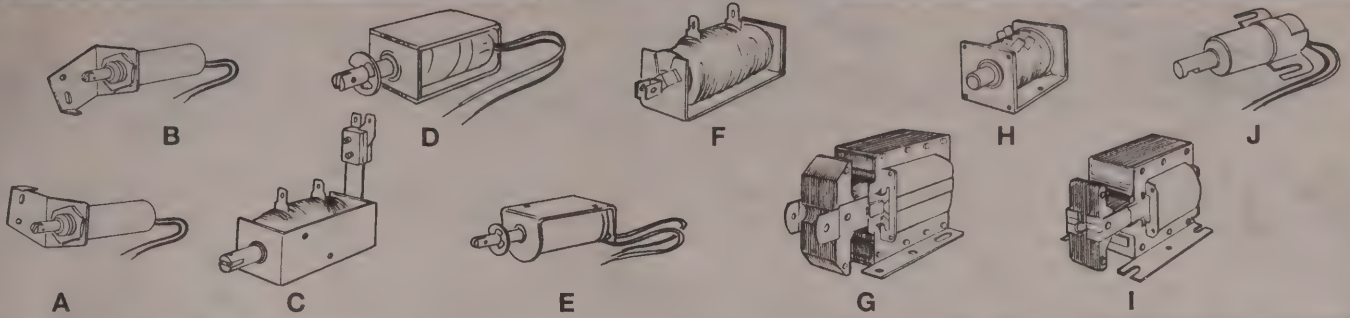
STOCK #	FIG	DESCRIPTION	PRICE
8549-SL	I	6VDC Solenoid	\$2.95

15VDC SOLENOID

MFG: LUCAS **COIL:** 15VDC 35ohm
DUTY: Cont. **STROKE:** .7" max
 5/16" Dia.X 2-3/4" Armature with 1/2" deep X 3/16"
 wide slot. 4oz pull @1/4". Mounts in .55"Dia. hole. 5"
 leads. With mounting nut.
L: 1-7/8" **Dia:** 3/4" **WT:** .2

STOCK #	FIG	DESCRIPTION	PRICE
8558-SL	B	Lucas 15VDC Solenoid	\$4.95

SOLENOIDS



6VDC SOLENOID

MFG: LUCAS **COIL:** 6VDC 9 Ohm
DUTY: Cont. **STROKE:** .7" max
 5/16" Dia. X 2-1/4" Armature with 3/8" deep X 3/16" wide slot with 1-5/8" long lever. 4oz pull @ 1/4". Mounts in .55" Dia. hole. 5" leads. Removable left hand mounting bracket.
L: 1-7/8" **Dia:** 3/4" **WT:** .2

STOCK #	FIG	DESCRIPTION	PRICE
8639-SL	A	Lucas 6VDC Solenoid	\$3.95

6VDC SOLENOID

MFG: LUCAS **COIL:** 6VDC 9 Ohm
DUTY: Cont. **STROKE:** .7" max
 Same as 8639-SL except has right hand bracket.
 5/16" Dia. X 2-1/4" Armature with 3/8" deep X 3/16" wide slot with 1-5/8" long lever. 4oz pull @ 1/4". Mounts in .55" Dia. hole. 5" leads. Removable right hand mounting bracket.
L: 1-7/8" **Dia:** 3/4" **WT:** .2

STOCK #	FIG	DESCRIPTION	PRICE
8640-SL	B	Lucas 6VDC Solenoid	\$3.95

24VDC SOLENOID

COIL: 24VDC 135ohms
DUTY: Cont. **STROKE:** .5" max
 Four 4-40 threaded mounting holes on side & 8" leads.
 7/16" Dia. X 1-5/8" teflon coated Armature with "C" ring and rubber shock pad & 5/16" deep X 1/8" wide slot. 2lb pull @ 1/4in.
L: 1-1/2" **W:** 1-1/8" **T:** 1" **WT:** .3

STOCK #	FIG	DESCRIPTION	PRICE
8650-SL	D	24V Solenoid	\$2.75

24VDC SOLENOID

COIL: 24VDC 90 ohms **DUTY:** Int.
STROKE: 1" max
 4 threaded mounting holes on 2 sides & 5" leads. 7/16" Dia. X 2" teflon coated Armature with "C" ring & 1/4" deep X 1/8" wide slot. 18 lb hold.
L: 2-1/4" **W:** 1-3/8" **T:** 1-1/8" **WT:** .57

STOCK #	FIG	DESCRIPTION	PRICE
8651-SL	D	Int. 24V Solenoid	\$4.95

12VDC SOLENOID

COIL: 12VDC 45 ohms **DUTY:** Interm.
STROKE: " max
 4 threaded mounting holes on 2 sides & 5" leads. 7/16" Dia. X 2" teflon coated Armature with "C" ring & 1/4" deep X 1/8" wide slot. 9lb hold.
L: 2-1/4" **W:** 1-3/8" **T:** 1-1/8" **WT:** .6

STOCK #	FIG	DESCRIPTION	PRICE
8652-SL	D	Int. 12V Solenoid	\$5.95

24VDC SOLENOID

COIL: 24VDC 50 ohms
DUTY: Interm. **STROKE:** .5" max
 5/16" Dia. X 1-3/4" teflon coated Armature with "C" ring and rubber shock pad & 5/16" deep X 1/8" wide slot. 2lb pull @ 1/4in. 4 mounting holes on side.
L: 1-3/4" **W:** 7/8" **T:** 1-1/8" **WT:** .2

STOCK #	FIG	DESCRIPTION	PRICE
8654-SL	D	24VDC Int. Solenoid	\$3.95

3VDC SOLENOID

MFG: DELTROL **COIL:** 3VDC 1.4 ohms
DUTY: Interm. **STROKE:** .25" max
 3/16" dia. X 1-1/4" Armature with 3/16" deep X 1/16" wide slot. Two mounting holes on side & 5" leads.
L: 1" **W:** 1/2" **T:** 1/2" **WT:** .04

STOCK #	FIG	DESCRIPTION	PRICE
8653-SL	E	3VDC Solenoid	\$2.95

24VDC SOLENOID

COIL: 24VDC 95 ohms
DUTY: Interm. **STROKE:** .7" max
 5/16" Dia. X 2-1/4" teflon coated Armature with groove for "C" ring ("C" Ring not supplied). 2lb pull @ 1/4in. 4 mounting holes on side.
L: 1-7/8" **W:** 1-1/8" **T:** 15/16" **WT:** .2

STOCK #	FIG	DESCRIPTION	PRICE
8655-SL	D	24VDC Int. Solenoid	\$2.95

12VDC SOLENOID

MFG: KGS **COIL:** 12VDC 16 ohms
DUTY: Interm. **STROKE:** .7" max
 3/8" Dia. X 2" teflon coated Armature with "C" ring, rubber shock pad & steel roll pin in hole. 3lb. pull @ 1/4". Solder Terminals.
L: 2" **W:** 1-3/16" **T:** 1-1/8" **WT:** .44

STOCK #	FIG	DESCRIPTION	PRICE
8656-SL	D	12V KGS Solenoid	\$3.95

12VDC SOLENOID & SWITCH

MFG: GUARDIAN **COIL:** 12VDC 23 ohms
DUTY: Cont. **STROKE:** .7" max
 5/16" Dia. X 1-7/8" Armature with 1/8" wide X 1/4" long X 3/8" deep slot with steel pin. 4oz. pull @ 1/4". SPST-NC leaf switch on back, contacts open when armature bottoms out energized. 187" Terminals.
L: 2-3/4" **W:** 2-1/4" **T:** 7/8" **WT:** .23

STOCK #	FIG	DESCRIPTION	PRICE
8833-SL	C	12V Guardian Solenoid	\$3.95

120VAC SOLENOID

MFG: DORMEYER 300M1 **COIL:** 120VAC
DUTY: Cont. **STROKE:** 1" max
 1" X 3/4" X 2-1/4 laminated Armature with 5/8" deep X 1" wide saddle bracket. Solder terminals. 256oz pull @ 1/8". Sealed coil.
L: 3" **W:** 2-3/8" **H:** 3" **WT:** 2.7

STOCK #	FIG	DESCRIPTION	PRICE
8749-SL	G	120VAC Solenoid	\$12.95

120VAC SOLENOID

MFG: DORMEYER **COIL:** 120VAC
DUTY: Interm. **STROKE:** 1" max
 1" X 1/2" X 1-3/8 laminated Armature with 1/4" steel ring. Solderable. 250" quick connect terminals. 272oz pull @ 1/8". Sealed coil.
L: 2-1/2" **W:** 2-1/16" **H:** 2" **WT:** 1.33

STOCK #	FIG	DESCRIPTION	PRICE
8750-SL	I	120VAC Solenoid	\$9.95

6DC SOLENOID

MFG: KGS **COIL:** 6VDC 7.4 ohms
DUTY: Interm. **STROKE:** .25" max
 3/16" dia. X 1/2" Armature with 5/32" wide X 1/8" deep slot in side. Two mounting wings. 5" leads.
L: 1-1/4" **W:** 1-1/4" **T:** 1/2" **WT:** .05

STOCK #	FIG	DESCRIPTION	PRICE
8751-SL	J	3VDC Solenoid	\$1.00

36DC SOLENOID

MFG: VALCOR **COIL:** 36VDC 125 ohms
DUTY: Interm. **STROKE:** .25" max
 7/16" dia. X 1/2" Armature with internal return spring and neoprene face. Appears to be part of a valve. 1/4" quick connect terminals 4 mounting holes on face.
L: 2-1/4" **W:** 1-1/2" **T:** 1/2" **WT:** .43

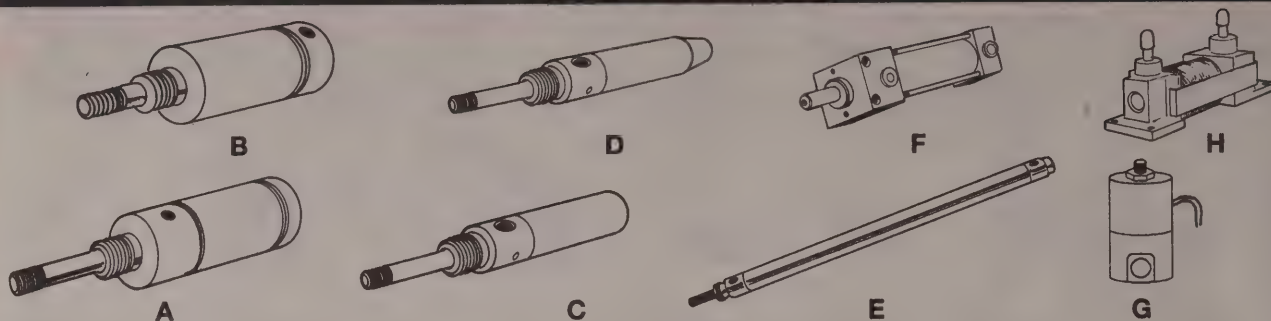
STOCK #	FIG	DESCRIPTION	PRICE
8752-SL	H	36VDC Solenoid	\$3.95

12VDC SOLENOID

MFG: GUARDIAN **COIL:** 12VDC 81 ohms
DUTY: Cont. **STROKE:** 1" max
 3/8" Dia. X 2" teflon coated Armature with 3/16" wide X 1/4" long X 1/4" deep steel yoke & steel shock spring. 4oz. pull @ 1/4". 40oz. hold. 187" Terminals.
L: 2" **W:** 1-3/16" **T:** 1-1/8" **WT:** .44

STOCK #	FIG	DESCRIPTION	PRICE
8754-SL	F	12V Guardian	\$4.95

PNEUMATIC



SINGLE ACTION SPRING LOADED

MFG: Chicago Cyl. **PORTS:** 1/8" NPT
BORE: 1.5" **STROKE:** 3/4"
USED: Spring loaded extension, pressure retract, aluminum body air cylinder. 7/16" Dia. steel rod X 1-3/4" (extended) with 7/16-20 thread. Front mount 3/4"-16 threaded. 12 lbs to compress spring.
L: 4-3/4" (body) **Dia:** 1-5/8" **WT:** .8

STOCK #	FIG	DESCRIPTION	PRICE
8847-HD	A	Chicago Spring Ext.	\$4.95

DOUBLE ACTION

MFG: Chicago Cyl. **PORTS:** 1/8" NPT
BORE: 3/4" **STROKE:** 7/8"
USED: Double action aluminum body air cylinder. 1/4" Dia. steel rod X 1-1/2" (retracted) with 1/4-28 thread. Front mount 5/8"-18 threaded.
L: 3-7/8" (body) **Dia:** 7/8" **WT:** .2

STOCK #	FIG	DESCRIPTION	PRICE
8848-HD	C	Chicago Long Rod	\$4.95

LONG STROKE DOUBLE ACTION

MFG: Bimba **PORTS:** 1/8" NPT
BORE: 3/4" **STROKE:** 14"
USED: Double action, Stainless steel tube, aluminum heads, air cylinder. 200 PSI max pressure. Stainless steel rod with 1/4-28 threads. Front mount 5/8"-18 thread
L: 18" **Dia:** 13/16" **WT:** .61

STOCK #	FIG	DESCRIPTION	PRICE
7112-HD	E	14" Pneumatic Cylinder	\$19.95

SINGLE ACTION SPRING LOADED

MFG: Bimba **PORTS:** 1/8" NPT
BORE: 1.5" **STROKE:** 3/4"
USED: Spring loaded extension, pressure retract, stainless steel tube, aluminum heads, air cylinder. 7/16" Dia. steel rod X 1-3/4" (extended) with 7/16-20 thread. Front mount 3/4"-16 threaded. 12 lbs to compress spring.
L: 4-3/4" (body) **Dia:** 1-5/8" **WT:** .74

STOCK #	FIG	DESCRIPTION	PRICE
8849-HD	A	Bimba Spring Ext.	\$4.95

DOUBLE ACTION

MFG: Bimba. **PORTS:** 1/8" NPT
BORE: 3/4" **STROKE:** 7/8"
USED: Double action stainless steel tube, aluminum heads, air cylinder. 1/4" Dia. steel rod X 1-1/2" (retracted) with 1/4-28 thread. Front mount 5/8"-18 threaded.
L: 3-7/8" (body) **Dia:** 13/16" **WT:** .2

STOCK #	FIG	DESCRIPTION	PRICE
8852-HD	C	Bimba Long Rod	\$4.95

DOUBLE ACTION

MFG: Parker **PORTS:** 1/8" NPT
BORE: 3/4" **STROKE:** 1"
NEW: Double action aluminum tube, steel heads, air cylinder. 5/16" Dia. steel rod X 1/4" (retracted) side mount.
L: 2-7/8" (body) **SQ.:** 1" **WT:** .5

STOCK #	FIG	DESCRIPTION	PRICE
8832-HD	F	Double Action Parker	\$4.75

SINGLE ACTION SPRING LOADED

MFG: Chicago Cyl. **PORTS:** 1/8" NPT
BORE: 1.5" **STROKE:** 3/4"
USED: Spring loaded retract, pressure extension aluminum body air cylinder. 7/16" Dia. steel rod X 1" (retracted) with 7/16-20 thread. Front mount 3/4"-16 threaded. 12lbs to compress spring.
L: 3-3/4" (body) **Dia:** 1-5/8" **WT:** .6

STOCK #	FIG	DESCRIPTION	PRICE
8846-HD	B	Chicago Spring Ret.	\$4.95

DOUBLE ACTION

MFG: Bimba **PORTS:** 1/8" NPT
BORE: 3/4" **STROKE:** 3/4"
USED: Double action, stainless steel tube, aluminum heads, air cylinder. 1/4" Dia. steel rod X 1/2" (retracted) with 1/4-28 thread. Front mount 5/8"-18 threaded.
L: 4-1/2" (body) **Dia:** 13/16" **WT:** .2

STOCK #	FIG	DESCRIPTION	PRICE
8851-HD	D	Bimba Short Rod	\$4.95

230V AC BRASS

SOLENOID VALVE

MFG: Precision Dynamics **PORTS:** 1/4" & 1/8" NPT
POWER: 230VAC/50hz
 New, brass body multi-purpose, 3 way air valve, 50 PSID max operating pressure, 3/64" orifice, input & cylinder (normally closed) ports are 1/4-NPT female, (normally open) port (top) is 1/8-NPT male.
WT: .5

STOCK #	FIG	DESCRIPTION	PRICE
4038-HD	G	230VAC Valve	\$3.95

SINGLE ACTION SPRING LOADED

MFG: Bimba **PORTS:** 1/8" NPT
BORE: 1.5" **STROKE:** 3/4"
USED: Spring loaded retract, pressure extension. Stainless steel tube, aluminum heads, air cylinder. 7/16" Dia. steel rod X 1" (retracted) with 7/16-20 thread. Front mount 3/4"-16 threaded. 12lbs to compress spring.
L: 3-3/4" (body) **Dia:** 1-5/8" **WT:** .61

STOCK #	FIG	DESCRIPTION	PRICE
8850-HD	B	Bimba Spring Ret.	\$4.95

DOUBLE ACTION

MFG: Chicago Cyl. **PORTS:** 1/8" NPT
BORE: 3/4" **STROKE:** 3/4"
USED: Double action aluminum body air cylinder. 1/4" Dia. steel rod X 1/2" (retracted) with 1/4-28 thread. Front mount 5/8"-18 threaded.
L: 4-1/2" (body) **Dia:** 7/8" **WT:** .2

STOCK #	FIG	DESCRIPTION	PRICE
8845-HD	D	Chicago Short Rod	\$4.95

12VDC

SOLENOID VALVE

PORTS: Hose Bib **POWER:** 12VDC
 New, plastic body purge valve, 50 PSID max operating pressure. Normally open valve, when energized port closes and other port vents. Designed for pollution monitoring equipment. PC mount solder terminals
WT: .2

STOCK #	FIG	DESCRIPTION	PRICE
8831-HD	H	12VDC Valve	\$1.50

MECHANICAL

300 PSI PRESSURE GAUGE



Marshall Town, flanged, 2-7/8" dia, 0-300 PSI (0-2000kPa), gauge, 1/8" NPT nipple. Black needle, legend & scale. Metal case with plastic face.

Dia: 2-7/8"

WT: .36

STOCK #	DESCRIPTION	PRICE
7498-HD	300 PSI Gauge	\$5.95

300 PSI PRESSURE GAUGE



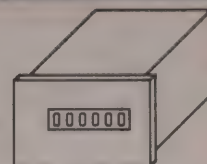
Marshall Town #2-1/2" 23KB 300#. 2-1/2" dia, 0-300 PSI (0-2000kPa), gauge, 1/8" NPT nipple. Black needle, legend & scale. Metal case with plastic face.

Dia: 2-3/4"

WT: .5

STOCK #	DESCRIPTION	PRICE
7435-HD	2-1/2" 300 PSI Gauge	\$5.95

5V DC IMPULSE COUNTER

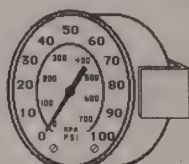


Hecon Corp. G0663853 non-resettable, 6 digit counter. Coil rated: 5 VDC, 1800 ohm. White numbers on black with black plastic case. 6" wire leads. Snap-in, front mounting.

W: 1-1/2" H: 1-1/16" D: 2" WT: .15

STOCK #	DESCRIPTION	PRICE
7351-MI	5VDC Counter	\$6.95

100 PSI LIGHTED PRESSURE GAUGE



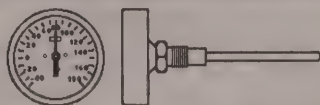
Marsh 1-ABA-01520 -BSP 0-100 PSI, 1-3/4" dia. lighted gauge. Dual scale 0-100 PSI & 0-700 kPa. 1/8-NPT brass nipple. saddle bracket mount, 12 volt lamp.

Dia: 1-3/4"

WT: .3

STOCK #	DESCRIPTION	PRICE
4104-HD	Lighted Gauge	\$6.95

INDUSTRIAL THERMOMETER



Weksler Instruments, 3in Dia, shock resistant, Bi-Metallic temperature indicator. -40 to +180°F range. Non-magnetic stainless steel case with plastic lens. 3/4-28 threaded captive jam nut mounting (not sealed).

L: 6-1/4"

Dia: 3"

WT: .85

STOCK #	DESCRIPTION	PRICE
7372-HD	Heavy Duty Thermometer	\$9.95

5V DC IMPULSE COUNTER

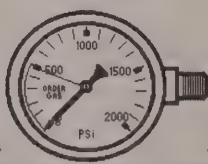


ENM, E4B733D19, Non-resettable, 7 digit counter. Coil rated: 5VDC. White numbers on black with black plastic case. 4" wire leads. 3 mounting holes in mounting ears on base.

W: 1-9/16" T: 13/16" H: 1-5/8" WT: .11

STOCK #	DESCRIPTION	PRICE
7539-MI	5VDC Impulse Counter	\$6.95

2000 PSI HI PRESSURE GAUGE



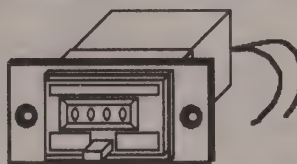
General Inst., 2" dia, 0-2000 PSI gauge, 1/4" NPT brass nipple. Black needle & legend with white scale. Red area from 0-500 with "order gas" legend. Metal case with plastic face. New but have some discoloration on nipple

Dia: 2"

WT: .2

STOCK #	DESCRIPTION	PRICE
5617-HD	2" Hi-Pressure Gauge	\$4.95

24V DC IMPULSE COUNTER

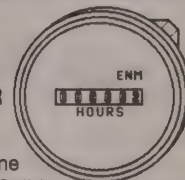


USED, Durant, 4-Y-41465-410-MEQ-U, resettable, 4 digit counter. Coil rated: 24 VDC, 3W. White numbers on black with black plastic case. 3" wire leads. Through panel mount.

W: 2-7/16" H: 1-1/4" D: 2-1/2" WT: .25

STOCK #	DESCRIPTION	PRICE
7755-MI	Resettable 24VDC Counter	\$6.95

120V AC RUNNING TIME METER



ENM T-50, 120V AC 60Hz, time meter. 99,999.9 Max count. Solid state, quartz crystal controlled. Front panel mount in 2.2" dia. hole using retaining ring. .250" fast-on terminals, plastic case.

Mtg: 2" hole

WT: .2

STOCK #	DESCRIPTION	PRICE
4931-MI	Quartz Time Meter	\$17.95

5000 PSI HIGH PRESSURE GAUGE



Western Sensors, 3/4" dia, 0-5000 PSI gauge, Type AN4 stainless steel nipple. Stainless Steel case. Black needle 3 color legend. Red from 0-2.2K, Yellow from 2.2-2.8K PSI Green from 2.8-3.5K PSI, black crosshatch from 3.5-5K PSI.

Dia: 3/4"

WT: .052

STOCK #	DESCRIPTION	PRICE
6870-HD	Mini Hi-Pressure Gauge	\$4.95

12V DC IMPULSE COUNTER



IVO #F112.60, non-resettable, 6 digit counter. Coil rated: 12 VDC, 65 ohm coil. 10 CPS count rate. White numbers on black with gray plastic case. Solderable pin contacts. Front mounting, with 2 mounting holes on face.

W: 1-1/2" T: 1-15/16" D: 3" WT: .16

STOCK #	DESCRIPTION	PRICE
6557-MI	12V Impulse Counter	\$5.95

120V AC RUNNING TIME METER



Engler 2350, 120V AC 60Hz, 8W time meter. 99,999 Max count. Front panel mount in 2.2" dia. hole. UI/ CSA listed, clear plastic case, 8" wire leads

Mtg: 2.2" hole

WT: .6

STOCK #	DESCRIPTION	PRICE
4850-MI	120VAC Time Meter	\$19.95

100 PSI PRESSURE GAUGE



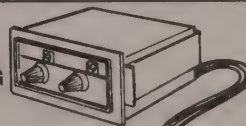
Norgren, 2" dia, 0-100 PSI (0-7bar), gauge, 1/8" NPT nipple. Black needle, legend & PSI scale, Red Bar scale. Metal case with plastic face.

Dia: 2"

WT: .18

STOCK #	DESCRIPTION	PRICE
6971-HD	2" Hi-Pressure Gauge	\$4.95

24V DC PREDETERMINING COUNTER

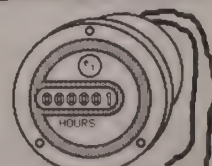


Veeder-Root 7447 two digit predetermining counter (count down). Preset a number and each impulse lowers the count by 1 until counter reaches "0". At "0" 250VAC, 5A SPDT contacts change state. Coil rated: 24 VDC, 3W. White numbers on black with gray plastic case. 10" wire leads. Front panel mount.

W: 2-15/16" H: 1-13/16" D: 3-1/2" WT: .74

STOCK #	DESCRIPTION	PRICE
8763-MI	Veeder 24VDC Counter	\$24.95

240V AC 50 Hz RUNNING TIME METER

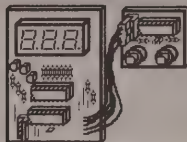


Engler 2350 series, 240V AC 50Hz, 3W time meter. 99,999.9 Max count. Front panel mount in 2.2" dia. hole. CSA listed, clear plastic case, 8" wire leads

L: 3-1/2" W: 1-5/8" D: 1-7/8" WT: .9

STOCK #	DESCRIPTION	PRICE
7041-SL	240VAC Time Meter	\$9.95

3 DIGIT LED COUNTER KIT



2 board basic event counter. Main board has the 3 digit counter circuit while the 2nd. board has Count & Reset push button switches & debounce circuit. Can be cascaded with other boards to provide more digits. Runs on 9V battery. K-01

L: 3-1/8" W: 2" H: 1" WT: .22

STOCK #	DESCRIPTION	PRICE
6001-KT	3 Digit LED Counter	\$26.95

LCD TEMPERATURE METER KIT

(CELSIUS ONLY)



Designed around a single IC that contains Analog & Digital sections to provide a simple yet versatile LCD meter. Other components convert the basic meter to read Temperature (degrees "C"). With power switch. Runs on 9V battery. K-02

L: 3-3/4" W: 2-1/4" H: 3/4" WT: .3

STOCK #	DESCRIPTION	PRICE
6002-KT	LCD Temp. Meter Kit	\$29.95

LED DICE KIT

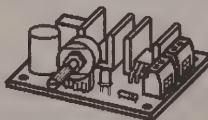


Uses 7 red LED's to simulate the rolling of a Di. Press then release the "Roll" button and the LED's slow down and stop. Based on the 555 timer and a counter IC. 9V battery clip. Operates from 4.5-15V K-03

L: 3-1/8" W: 2" H: 1/2" WT: .17

STOCK #	DESCRIPTION	PRICE
6003-KT	LED Dice Kit	\$15.95

POWER SUPPLY KIT



Basic circuit designed around 2 fixed TO-220 regulators. Provides a fixed output of +5V & a variable from +5 to 2V under the input voltage. Terminal strip output, solder pads & 3.5mm mini phone jack for input. 7-30V DC or 7-20V AC input. K-04

L: 3-1/8" W: 2" H: 1" WT: .22

STOCK #	DESCRIPTION	PRICE
6004-KT	Linear Power Supply Kit	\$18.95

"STAIRWAY TO HEAVEN" GAME KIT

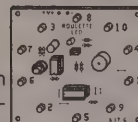


Uses 6 red & 1 bi-polar LED's to test your hand-eye coordination. You must press the switch each time the green part of the bi-polar LED lights. If you are successful over many tries the red LEDs light up in sequence.; But miss & you start over! 9V battery operation. K-05

L: 3-1/8" W: 2" H: 3/4" WT: .17

STOCK #	DESCRIPTION	PRICE
6005-KT	"Stairway " Game Kit	\$15.95

LED ROULETTE KIT

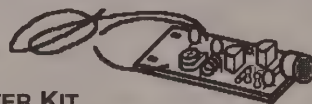


Uses a CMOS decade counter & an Op-Amp connected as a voltage controlled oscillator (VCO). 10 LEDs simulate the ball as it rotates around the "wheel". When you press the "Roll" switch, the VCO runs at maximum rate. When the button is released; the VCO slows down to provide the visual effect of the "Ball" slowing & dropping into slot. Uses 9V battery. K-06

L: 3-1/2" W: 3-1/2" H: 5/8" WT: .1

STOCK #	DESCRIPTION	PRICE
6006-KT	LED Roulette Kit	\$19.95

3VDC FM TRANSMITTER KIT

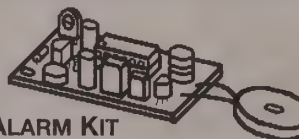


Small FM Xmitter teaches basic construction & set up of tuned circuits. Transmits over 100 Meters in building & over 500 M outside. Circuit requires the ability to "Tweak" RF circuits by stretching/compressing coils. Operates on 3-9V DC, Holder for 2 "AA" cells supplied. K-07

L: 1-3/4" W: 3/4" H: 1/2" WT: .1

STOCK #	DESCRIPTION	PRICE
6007-KT	3V FM Transmitter	\$9.95

LIGHT DETECTOR ALARM KIT



Circuit designed around a sensitive Photo Darlington transistor & a CMOS NAND gate. Circuit detects light & sounds an alarm buzzer. Useful as alarm in cash drawers, refrigerator, etc. Operates on 9VDC K-08

L: 1-7/8" W: 7/8" H: 9/16" WT: .1

STOCK #	DESCRIPTION	PRICE
6008-KT	Light Alarm Kit	\$8.95

MULTI-VIBRATOR BUILDING BLOCK KIT



Circuits demonstrate the action of the Astable, Monostable & Bistable (flip-flop) multi-vibrator circuits. LEDs provide visual indication of circuit action. Runs on 9V battery. K-09

L: 4" W: 1-1/2" H: 5/8" WT: .08

STOCK #	DESCRIPTION	PRICE
6009-KT	Multivibrator Kit	\$8.95

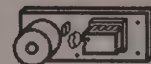
TOUCH SWITCH KIT



Low voltage circuit designed to switch a relay. When used from 9-12VDC battery; a simple touch of a finger across two leads will control relay. Operates as a touch plate if DC power supply connected to AC line is used in place of battery. Relay rated 3A 115/230 VAC K-10

L: 2" W: 2" H: 1" WT: .1

STOCK #	DESCRIPTION	PRICE
6010-KT	Touch Switch Kit	\$12.95



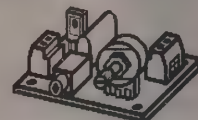
LOW VOLTAGE FLASHER KIT

Circuit designed around the National LM3909 low voltage flasher IC. Used to flash an LED or as a continuity tester. 2 PC boards 1 IC supplied. Runs on 1.5 VDC. Single "D" cell will flash LED for 2 years. Solder pads for all connections. K-11

L: 1-3/8" W: 5/8" H: 3/4" WT: .08

STOCK #	DESCRIPTION	PRICE
6011-KT	Low Voltage Flasher Kit	\$11.95

AUDIO TO LIGHT MODULATOR KIT

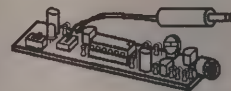


Designed around a Opto-Triac coupler & a power Triac. 1.2-1.5V music signal drives the circuit. Triac rated 4A max @ 250VAC. Operates from 110 or 240 VAC mains. Terminal strip for Load & AC, 3.5mm mini phone jack for audio input. K-12

L: 2-1/8" W: 1-3/4" H: 1" WT: .08

STOCK #	DESCRIPTION	PRICE
6012-KT	Audio to Ligh Mod. Kit	\$12.95

TAPE RECORDER VOX SWITCH KIT

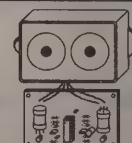


When sound is detected, kit will turn on cassette recorder or other low voltage load. 6 second turn-off delay allows for pauses in conversation. Requires recorder with "REMOTE" control jack. An external relay (not supplied) can be added to handle heavier or line loads. K-13

L: 4-5/8" W: 3/4" H: 1/2" WT: .1

STOCK #	DESCRIPTION	PRICE
6013-KT	Tape VOX Switch Kit	\$12.95

PIEZO ALARM SIREN KIT



Circuit designed around a Dual CMOS 556 timer IC. Dual piezo elements pre mounted in the plastic case will produce 108-110 dB sound level at 1M. Once assembled the board will mount in the plastic case. Runs on 6-12V. K-15

L: 4-1/2" W: 2-3/16" H: 1-9/16" WT: .27

STOCK #	DESCRIPTION	PRICE
6015-KT	Piezo Siren Kit	\$16.50

TELEPHONE TRANSMITTER KIT



Phone line powered & activated when handset is lifted. Uses phone wires for antenna. Transmits over short distance (<100ft) to the lower part of FM broadcast band (90-95 MHz). Circuit does require the ability to "Tweak" RF circuits. K-16

L: 1-7/8" W: 5/8" H: 3/8" WT: .06

STOCK #	DESCRIPTION	PRICE
6016-KT	Phone Transmitter Kit	\$9.95



LOW VOLTAGE AMPLIFIER KIT

Circuit designed around the National LM386 IC. The LM386 is a variable gain audio amp. Use this kit as a building block for other projects. Operates on 4-12 VDC. Solder pads for all connections. K-17

L: 1-1/4" W: 1-1/4" H: 3/4" WT: .06

STOCK #	DESCRIPTION	PRICE
6017-KT	Low Voltage Amp. Kit	\$6.95

OP-AMP FUNCTION GENERATOR KIT



Circuit designed around a Quad Op-Amp connected as oscillator & wave shapers. Oscillator generates a Square Wave over 6Hz to 6KHz. range. The other amps then produce the Triangle & pseudo Sine outputs. Solder pad outputs. Runs on 9V battery. K-23

L: 1-7/8" W: 1-5/8" H: 7/8" WT: .07

STOCK #	DESCRIPTION	PRICE
6023-KT	Function Generator Kit	\$8.95

PIR MOTION DETECTOR KIT



Circuit designed around a recently developed IC. Circuit utilizes PIR detector, & a light dependent resistor to provide a optimized circuit that will detect motion in the 3-4 meter range. Operates on 9-12 VDC. K-30

L: 3" W: 2" H: 1-1/4" WT: .1

STOCK #	DESCRIPTION	PRICE
6030-KT	PIR Motion Alarm Kit	\$34.95

9V DC FM TRANSMITTER KIT



Powerfull, FM Xmitter. Transmits over 100 Meters in building & over 500 M outside using 1/4 or 1/2 wave length of wire. Transmits to the upper part of FM broadcast band (100-108 MHz). Circuit requires the ability to "Tweak" RF circuits. Runs on 9V DC. K-18

L: 1-3/4" W: 3/4" H: 3/8" WT: .05

STOCK #	DESCRIPTION	PRICE
6018-KT	9V FM Transmitter	\$9.95

LOGIC PROBE KIT

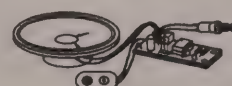


Circuit examines the logic state in digital circuits. 3 LED's provide visual indication & a piezo buzzer provides audio indication. Switch between TTL or CMOS logic. Runs on 5-15 VDC supplied from equipment under test. Detects pulses >50nS. K-24

L: 5" W: 7/8" H: 1/2" WT: .1

STOCK #	DESCRIPTION	PRICE
6024-KT	Logic Probe Kit	\$14.95

SIREN KIT



Circuit designed around a Dual Op-Amp connected as oscillator & driver. Oscillator is off until you press the switch then a rising tone is produced until a steady value is reached. If switch is released the tone starts dropping until it cuts off. Runs on 9V battery. Speaker & switch supplied. K-31

L: 2" W: 3/4" H: 1/2" WT: .17

STOCK #	DESCRIPTION	PRICE
6031-KT	Siren Kit	\$6.95

ULTRASONIC MOTION DETECTOR KIT



2 boards; one with Matched pair of Ultrasonic transducers to detect motion from 4-7m away. 2nd board contains Xtal controlled osc. & all circuits. Switchable latch, red LED indicator. Solder pad output to drive external relay or circuits. Runs on 9V battery. Main Board: 2-3/4" X 2" X 3/4" Transducer Board: 2-3/4" X 5/8" X 7/8" K-20

L: 2-3/4" W: 2" (5/8") H: 7/8" WT: .1

STOCK #	DESCRIPTION	PRICE
6020-KT	Ultrasonic Alarm Kit	\$29.95

1WATT AMPLIFIER KIT



Circuit designed around a single TDA7052 IC. Ideal part for larger projects. Drives 8 ohm speaker (not supplied) Ideal for battery powered circuits. Operates on 3-15 VDC solder pads for all connections. K-27

L: 1-1/4" W: 1-1/8" H: 7/8" WT: .05

STOCK #	DESCRIPTION	PRICE
6027-KT	1W Amplifier Kit	\$7.95

FM WIRELESS MIKE KIT

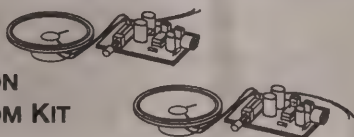


Powerfull 2 stage, wireless mike kit transmits over 1/2 mile (up to 1Km in the open) Tunable to the upper part of FM broadcast band. Circuit does require the ability to "Tweak" RF circuits by stretching or compressing coils. With mike & 9V battery clip. Operates from 6-12V DC. K-32

L: 2-3/4" W: 5/8" H: 1/2" WT: .06

STOCK #	DESCRIPTION	PRICE
6032-KT	FM Mike Kit	\$10.95

2 STATION INTERCOM KIT



Circuit designed around the National LM386 audio IC. Two wires between stations (30ft supplied). Operates on two 9V batteries. Solder pads for all connections. With 3" speakers & electret mic's. K-21

L: 2-1/8" W: 1-1/4" H: 3/4" WT: .52

STOCK #	DESCRIPTION	PRICE
6021-KT	Intercom Kit	\$24.95

VOX SWITCH



FM TRANSMITTER KIT

Sound activated circuit with FM Xmitter. Sensitive electret mike picks up audio which is amplified & used to modulate FM RF Xmitter. Circuit require the ability to "Tweak" RF circuits by stretching/compressing coils. Operates on 6V DC, 4 cell "AA" battery holder supplied. K-28

L: 2-1/2" W: 1-1/2" H: 5/8" WT: .09

STOCK #	DESCRIPTION	PRICE
6028-KT	VOX FM Transmitter Kit	\$12.95

TAPE RECORDER VOX SWITCH KIT



Telephone line activated & powered circuit. When handset is lifted, kit will turn on tape (Cassette) recorder & supply audio. Requires recorder with "MIC" & "REMOTE" control jacks. Will operate recorders using 1.5-12V battery systems. K-33

L: 1-7/8" W: 1-1/4" H: 9/16" WT: .1

STOCK #	DESCRIPTION	PRICE
6033-KT	Tape VOX Switch Kit	\$9.95

9V XENON FLASH KIT



Circuit designed to step up a 9V battery to a high voltage to flash a 1" long flash tube. Flash rate adjustable from 4 per second to 1 every 2 seconds. This kit requires you to wind two 10 turn coils on a bobbin. K-22

L: 3" W: 1-3/4" H: 1-1/4" WT: .52

STOCK #	DESCRIPTION	PRICE
6022-KT	Xenon Flash Kit	\$19.95

COMBINATION LOCK KIT



Easy introduction to electronic locks. 2 boards; one with 1-9 touch pads & connected to 2nd board by 3ft. cable. 2nd board has decoding IC's, matrix to set 4 number code, & relay to control external loads. Auto reset if wrong number entered. Runs on 9V battery. K-29

L: 3" W: 2-1/2" H: 1" WT: .17

STOCK #	DESCRIPTION	PRICE
6029-KT	Combination Lock Kit	\$18.95

3-1/2 DIGIT LCD PANEL METER KIT



Circuit designed around a single IC that contains both Analog & Digital sections to provide a simple yet versatile meter. Terminal strip input, power switch, selectable decimal point. Space for scaling & current shunt resistors. Runs on 9V battery. K-34

L: 3-3/4" W: 2-1/4" H: 3/4" WT: .18

STOCK #	DESCRIPTION	PRICE
6034-KT	3-1/2 Digit LCD Meter Kit	\$34.95

SWITCHING POWER SUPPLY KIT

Basic step-up switching supply circuit designed around single IC. Selectable 1.5 or 3 VDC Input. Provides a fixed output of 9V @ 18mA from a 1.5 V "AA" cell. Solder pads for input & output. 1 cell & 2 cell "AA" holders supplied. K-35

L: 1-5/8" W: 3/4" H: 1/2" WT: .08

STOCK #	DESCRIPTION	PRICE
6035-KT	Switching Supply Kit	\$8.95

4-1/2 DIGIT LCD COUNTER KIT

Circuit designed around a single Harris ICL7224 IC that contains Digital and LCD Driver sections to provide a simple yet versatile general purpose counter. 5V TTL signal levels for input and control (Reset, Store, Carry, Inhibit). Runs on 9V battery. K-36

L: 3-1/4" W: 2-1/8" H: 3/4" WT: .19

STOCK #	DESCRIPTION	PRICE
6036-KT	4-1/2 Digit Counter Kit	\$49.95

COUNT DOWN TIMER KIT

The first in a series of Micro controller kits. The idea here is to acquaint you with Micro controllers. This Kit is based on a pre-programmed Motorola 68HC705K1 general purpose 8 Bit, 16 Pin Micro Controller. In this application the uC performs as a countdown timer. Selectable count down from 60 or 90 sec with "BEEPS" every 10 seconds until it reaches "10" then "BEEPS" once each second until "0". Information on programming & software is available from Motorola. Disc provided to show the program in the IC. Uses 9V battery.

The program in the ICs is NOT changable. K-38
L: 3-1/8" W: 2" H: 3/4" WT: .24

STOCK #	DESCRIPTION	PRICE
6038-KT	Count Down Kit	\$59.95

REACTION TIMER KIT

This Kit is based on a pre-programmed Motorola 68HC705K1 general purpose 8 Bit, 16 Pin Micro Controller. In this application the uC performs as a Reaction Time timer. One or two players can use this kit to see who is faster. A beep is sounded and player(s) press their button(s). The uController then displays the elapsed time from the beep to the first button actuated. Information on programming & software is available from Motorola. Disc provided to show the program in the IC. Uses 9V battery.

The program in the ICs is NOT changable. K-40
L: 3-7/8" W: 2-3/8" H: 1" WT: .31

STOCK #	DESCRIPTION	PRICE
6040-KT	Reaction Kit	\$49.95

NUMBER CRUNCHER KIT

The third in a series of Micro controller kits. This Kit is based on a pre-programmed Motorola 68HC705K1 general purpose 8 Bit, 16 Pin Micro Controller. In this application the uC performs as a Base number converter. Press "STEP" button until number to decode is reached (0-255) then press "MODE" switch to display: Normal Decimal; Normal HEX; 2's complement HEX or 2 complement Decimal. Displays on LED & 7 segment Display. Information on programming & software is available from Motorola. Disc provided to show the program in the IC. Uses 9V battery.

The program in the ICs is NOT changable. K-42
L: 3-1/8" W: 2" H: 1" WT: .22

STOCK #	DESCRIPTION	PRICE
6042-KT	# Cruncher Kit	\$49.95

SPDT RELAY KIT

Ideal for those projects that need a external relay. Circuit board holds a small SPDT relay with 12V DC, 400 ohm coil and contacts rated 5A @ 120V AC. Suppressor Diode across coil. Terminal strips for power and relay contacts. K-43

L: 1-1/2" W: 1-3/16" H: 1" WT: .07

STOCK #	DESCRIPTION	PRICE
6043-KT	SPDT Relay Kit	\$7.95

SPDT RELAY WITH DRIVER KIT

Ideal for those projects that need a external relay. Circuit board holds a Transistor, small SPDT relay, suppressor diode across coil & a LED. Relay rated 12V DC, 400 ohm coil and contacts rated 5A @ 120V AC. Terminal strips for power, transistor Base and relay contacts. K-44

L: 1-1/2" W: 1-1/2" H: 1" WT: .07

STOCK #	DESCRIPTION	PRICE
6044-KT	SPDT Relay/Driver Kit	\$8.95

DUAL SPDT RELAY KIT

Ideal for those projects that need 1 or more external relays. Circuit board holds 2 small Power DIP, SPDT relays, suppressor diodes across the coils. Relays rated 12V DC, 700 ohm coil and contacts rated 1A @ 120V AC. Terminal strips for power and relay contacts. K-45

L: 2-1/16" W: 1-1/8" H: 3/4" WT: .07

STOCK #	DESCRIPTION	PRICE
6045-KT	Dual SPDT Relay Kit	\$12.95

8 WATT AMPLIFIER KIT

Circuit designed around the National LM383 IC. The LM383 is 5 lead TO-220 audio amp. Will drive loads as low as 1.6 ohms; 11W @ 16V supply. Operates on 5-20 VDC. Terminal Strips for all connections. K-47
L: 2" W: 1-7/16" H: 2" WT: .3

STOCK #	DESCRIPTION	PRICE
6047-KT	8W Power Amp. Kit	\$15.95

INTRO TO AUDIO POWER AMPS

Kit uses discrete parts to construct a Class A & Class A/B power amplifier. Delivers over a watt into the supplied 8 ohm speaker. Hands on learning about: Bootstrapping, Cross-over Distortion, & Push-Pull outputs. Uses two 9V batteries. Terminal strips for all in & outputs. K-48

L: 1-7/8" W: 1-5/8" H: 1-1/2" WT: .3

STOCK #	DESCRIPTION	PRICE
6048-KT	Intro to Power Amps Kit	\$13.95

ULTRASONIC MOTION DETECTOR II KIT

Single board contains Xtal controlled osc., detector circuits and a pair of edge mounted Ultrasonic transducers. Detects motion from 4-7m away. Red LED motion indicator. Sensitivity control. Solder pad output to drive external relay or circuits. Uses 9V battery but 9VDC plug supply recommended. K-49
L: 3" W: 1-9/16" H: 5/8" WT: .01

STOCK #	DESCRIPTION	PRICE
6049-KT	Motion Detector II Kit	\$27.95

LED RANDOM FLASHER KIT

Utilizes a LSI IC mounted as a "Chip on Board" (COB) plus 5 mini T-1 LEDs. When button is pressed the 5 LEDs light in a pseudo random pattern until button is again pressed. Used in toys and games. Runs on 2 "AA" Batteries. K-52

L: 3/4" W: 1/2" H: 1/4" WT: .08

STOCK #	DESCRIPTION	PRICE
6052-KT	LED Flasher Kit	\$5.95

ION GENERATOR KIT

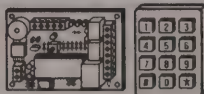
Kit uses AC power line & a series of diodes & capacitors to form multiple voltage doubling circuits. Will produce Positive or Negative Ions (depends on how you connect the diodes). You should put the board in a protective box because it is AC powered. Produces several thousand volts at very low current. K-57

L: 4-1/4" W: 2" H: 1" WT: .17

STOCK #	DESCRIPTION	PRICE
6057-KT	Ion Generator Kit	\$17.95

EDUCATIONAL KITS

KEYPAD & ALARM uCONTROLLER KIT

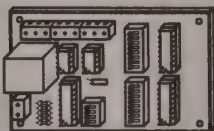


Kit combines a 12 button keypad with a pre-programmed 68HC705P9P microprocessor to give you a basic but sophisticated alarm system. SPST-NO relay output for a electric door strike (lock), Auxiliary SPDT relay, & an independent SPDT alarm relay. 3 levels of 4 digit programmable User Codes & Master User Code allow versatility in access & programming. Programmable Door Strike time (1-9 sec), Alarm time (1-9999 sec, 0 disables), Panic Alarm & more. Settings made by using the Master Access Code to enter the program mode. Alarm input is either Normally Open or Normally Closed & is disabled when a valid Access Code is used. Keypad may be remotely located. Requires 12VDC. K-53

L: 3-1/2" W: 2-1/2" H: 1" WT: .3

STOCK #	DESCRIPTION	PRICE
6053-KT	Alarm Keypad Kit	\$75.00

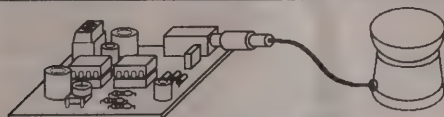
UNIVERSAL TIMER KIT



Forth in a series of Micro controller kits. Based on a pre-programmed Motorola 68HC705K1 general purpose 8 Bit, 16 Pin uController. In this application the uC performs as a multi-mode timer. DIP switch allows selection of seven modes: "Instant On-Delayed Off" non-retriggerable, "Instant On-Delayed Off" retriggerable, "Delayed On", adj. "Recycle", etc. Two time bases: .1 sec & 1 sec. DIP switch allow either 65536 (18+ hrs) or 6553.6 (1hr & 49min +) Max counts, Opto isolated inputs, SPDT, 120V/10A relay output. Information on programming & software is available from Motorola. Disc provided to show the program in the IC. Uses 9V battery. Program in the ICs is NOT changeable. K-54

L: 3-7/8" W: 2-3/8" H: 1" WT: .3

STOCK #	DESCRIPTION	PRICE
6054-KT	Univ. Timer Kit	\$59.95

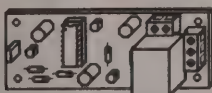


TELEPHONE PICKUP KIT

Kit uses a small magnetic pickup coil that has an attached suction cup. Attaches to the phone earpiece and picks up both sides of conversation. 2 ICs amplify the conversation and drive a 2-1/2" speaker. Comes with battery holder for 4 "AA" batteries. K-55

L: 1-13/16" W: 1-13/16" H: 9/16" WT: .25

STOCK #	DESCRIPTION	PRICE
6055-KT	Telephone Pickup Kit	\$15.95



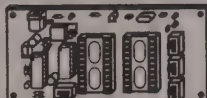
I/R TOGGLE SWITCH KIT

Kit uses a small I/R sensing module to detect I/R & control a relay. Works with any I/R remote control transmitter. Each successive press of any button reverses the relay contacts (alternate action). K-58

L: 2-15/16" W: 1-1/8" H: 5/8" WT: .1

STOCK #	DESCRIPTION	PRICE
6058-KT	I/R Relay Kit	\$16.95

68HC705-P9 MICRO-CONTROLLER BURNER KIT



Kit contains the circuit board, and components to assemble a board that you can use to Program & Verify 68HC705-P9 micro-Controllers. The P9 u-controller has a self programming algorithm built in so you don't need a host computer. What you do need is your code to be loaded into the P9 in a 2764 EPROM. The P-9 extracts the code from the EPROM and programs itself. A easy way to program several P-9s without tying up a computer. Please note that you must have a method to program a 2764 before you can use this programmer. K-59a

L: 4-7/8" W: 2-3/8" H: 1" WT: .3

STOCK #	DESCRIPTION	PRICE
8759-KT	uController Burner Kit	\$59.95

UNIVERSAL 3 TERMINAL REGULATOR KIT

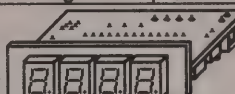


Basic PC board for 78XX series 3 terminal regulators. Comes with Heat sink, 1A bridge, Cap, LED, switch & terminal strips. 3 terminal regulator NOT supplied. K-60

L: 2-1/2" W: 1-1/2" H: 1-3/8" WT: .08

STOCK #	DESCRIPTION	PRICE
6060-KT	3 Terminal Reg. Kit	\$9.95

3-1/2 DIGIT LED PANEL METER KIT



Circuit uses a single IC With both Analog & Digital sections to provide a simple & versatile meter. 1.999 V without scaling. Space on the board to add scaling resistors. Terminal strip for input & power. Selectable decimal point. Uses two boards; First board holds the .5" LED displays & is mounted at a right angle to a second board containing the rest of the circuit. Runs on 5V. K-61

Main Bd. L: 2-7/8" W: 2-5/8" H: 3/4"
Disp. Bd. L: 2-7/8" W: 7/8" H: 3/4"

STOCK #	DESCRIPTION	PRICE
6061-KT	3-1/2 Digit LED Meter Kit	\$24.95

PIR MOTION DETECTOR PARTS KIT



Kit contains all the hard to get parts for a PIR motion detector. Includes the IR sensor, detector IC & a PC board mount plastic Fresnel lens. With Data on IC & Sensor. K-62

L: N/A" W: N/A" H: N/A" WT: .1

STOCK #	DESCRIPTION	PRICE
6062-KT	PIR Parts Kit	\$17.65



PRICE QUOTES, SPECIFICATIONS OR TECHNICAL SUPPORT

CALL

561-848-8236

ORDERS ONLY

CALL

1-800-652-6733



AM RADIO KIT

This kit uses a single multi-function IC that performs as RF amp, Detector and AGC in an AM radio. The output of the IC drives a two stage audio amp to drive the 3" speaker (Included-not shown). Tunes the standard AM broadcast frequencies (55-1600). Operates on 9V DC. K-63

L: 4" W: 1-1/4" H: 1/2" WT: .25

STOCK #	DESCRIPTION	PRICE
6063-KT	AM Radio Kit	\$14.95

DC MOTOR SPEED CONTROL KIT

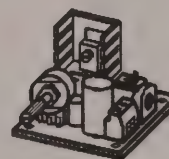


Designed using the 556 dual timer IC. One timer is used as an Astable multivibrator to develop Clock pulses. The other is used as a Pulse Width Modulator to control the time power is applied to the motor. Power darlington provides output drive up to 5A @ 100V DC max. Single 9-15V DC supply or separate supply for motor requiring greater than 15V. K-67

L: 3-7/8" W: 2-1/4" H: 2-1/2" WT: .3

STOCK #	DESCRIPTION	PRICE
6067-KT	DC Motor Speed Control	\$29.95

ADJUSTABLE 3 TERMINAL REGULATOR KIT

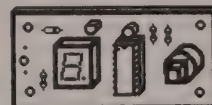


Adjustable output regulator utilizing a 317T 3 terminal regulator. Comes with regulator, board, heat sink, 1A bridge, 0.1uF capacitor & terminal strips. 3-30V output @ 1A. 35VDC/24VAC max input. K-68

L: 2" W: 1-9/16" H: 1" WT: .1

STOCK #	DESCRIPTION	PRICE
6068-KT	Adj. 3 Terminal Reg. Kit	\$12.95

uCONTROLLER LED DI GAME



This fifth in a series of Micro controller kits introduces a new family uControllers based on a pre-programmed Microchip PIC (Peripheral Interface Controller). The PIC 16C54 is a general purpose 18 Pin uController. In this application the uC performs as a random number generator. To simulate a Di, this number must fall between 1&6. Internal software generates this number, drives LED display & provides "Housekeeping" routines for detecting the "Roll" switch, & putting the uC into the sleep mode when idle for more than a minute. Information on programming & software is available from Microchip & others. Disc provided to show the program in the IC. Uses 9V battery. The program in the ICs is NOT changeable. K-69

L: 2-3/4" W: 1-9/16" H: 1-1/2" WT: .2

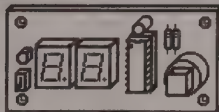
STOCK #	DESCRIPTION	PRICE
6069-KT	PIC LED Di	\$19.95

ORDERS: 1-800-652-6733

FAX ORDERS: 1-800-432-9937

67

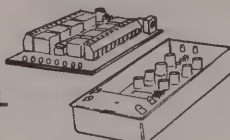
uCONTROLLER LED DICE



This sixth in a series of Micro controller kits uses the PIC 16C54-RC/P from Microchip. The PIC (Peripheral Interface Controller) is a general purpose, pre-programmed 18 Pin uController. In this application the uC performs as a random number generator. To simulate Dice, the numbers must fall between 1&6. Internal software generates these numbers, drives two LED displays & provides "Housekeeping" routines for detecting the "Roll" switch, & putting the uC into the sleep mode when idle for more than a minute. Information on programming & software is available from Microchip & others. Disc provided to show the program in the IC. Uses 9V battery. The program in the ICs is NOT changeable. K-71
L: 2-3/4" W: 1-9/16" H: 1-1/2" WT: .2

STOCK #	DESCRIPTION	PRICE
6071-KT	PIC Dual LED Dice	\$27.95

8 CHANNEL I/R REMOTE CONTROL KIT



In this Two part kit you build a handheld I/R transmitter with 8 control buttons and a receiver board that decodes the transmitted I/R signal and activates 8 SPDT 1A relays. 6 of the relays stay on as long as the corresponding button is pressed while 2 are alternate action (once on, once more for off). Multiple buttons can be active at the same time. Transmitter has a plastic case (Not shown) with battery compartment. Case requires that you drill & assemble. The receiver board is uncased. K-72

Transm. case L: 5-1/4" W: 2-3/8" H: 1-1/2"

Reciver. Bd. L: 3-1/2" W: 3" H: 1"

WT: .5

STOCK #	DESCRIPTION	PRICE
6072-KT	8 Ch. I/R Remote Control	\$89.95

P.C. RELAY BOARD KIT



This kit allows your P.C. to control lights, solenoids and other heavy loads found in the real world. Kit supplies external relay board, eight 12VDC relays (5A contacts) & software for use under DOS or Windows 3.1. 36 pin centronics female input connector from printer port, terminal strip for relay contacts & relay power. You supply a external 12VDC supply for relays) & printer port cable. K-74
L: 8-1/2" W: 2-3/4" H: 1" WT: .5

STOCK #	DESCRIPTION	PRICE
6074-KT	PC Relay Driver Kit	\$59.95

PIR MOTION DETECTOR MODULE

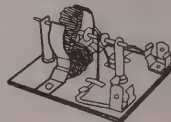


PIR module with only 3 connections. Module designed for human body detection. 5-10VDC input power. Active high output with a pulse width of approx. .5 Sec. (remains active as long as there is motion). Detects motion up to 10ft. Add a small relay to interface to higher power loads. K-76B
L: 1-3/8" W: 1" H: 3/4" WT: .2

STOCK #	DESCRIPTION	PRICE
7860-KT	PIR Module	\$9.95

KIT ASSEMBLY PROBLEMS

Almost all kit problems we have encountered is in the assembly. Kits returned to us for repair have almost exclusively been found to have these errors
1: Solder shorts between traces or components
2: Caps/diodes/LEDs connected backwards
3: Components in wrong place on board
4: IC(s) backwards or switched
Yet when questioned the assembler always states that the kit has been doubled checked and is assembled correctly



MOTOR BUILDING KIT

Build your own simple two pole motor and learn the principles of operation. In this kit you will wind a simple field coil and a 2 pole armature. Comes with all metal & plastic parts you need for this simple DC motor including a plastic base to mount everything on Requires a 1.5V "AA" battery (Not supplied). K-77
L: 3" W: 2-1/2" H: 2" WT: .2

STOCK #	DESCRIPTION	PRICE
6077-KT	Build a Motor Kit	\$14.95

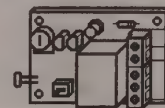
BASIC LIGHT SENSITIVE RELAY KIT



1st. kit in a series. Build a basic circuit that uses light to control a SPDT 10A relay. 2 transistors connected as a darlington & a pot provide sensitivity & adjustment. LED shows relay status. Circuit is effected by temperature & supply changes. 12VDC power. K-79A
L: 2-1/16" W: 1-1/4" H: 1" WT: .15

STOCK #	DESCRIPTION	PRICE
7861-KT	Basic Light Relay Kit	\$9.95
6179-KT	All 3 Lite Kits In Series	\$24.95

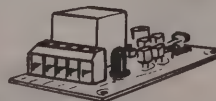
LIGHT SENSITIVE RELAY KIT



2nd. Kit in series. Build a more advanced circuit that uses light to control a SPDT 10A relay. An Op-Amp provides sensitivity & adjustment. LED shows relay status. Circuit is less effected by temperature & supply changes. 12VDC power. K-79B
L: 2-3/8" W: 1-1/4" H: 1" WT: .15

STOCK #	DESCRIPTION	PRICE
7862-KT	Light Activated Relay Kit	\$9.95
6179-KT	All 3 Lite Kits In Series	\$24.95

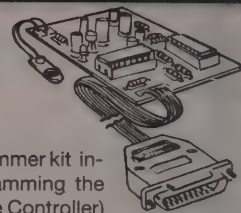
LIGHT SENSITIVE RELAY KIT



3rd kit in series. Build a stable & advanced circuit that uses light to control a SPDT 10A relay. Transistors & pot provide sensitivity & adjustment. LED shows relay status. Circuit is stable & hysteresis prevents relay chattering. 12VDC power. K-79C
L: 2-3/8" W: 1-1/4" H: 1" WT: .15

STOCK #	DESCRIPTION	PRICE
7863-KT	Adv. Light Relay Kit	\$9.95
6179-KT	All 3 Lite Kits In Series	\$24.95

INTRO TO PIC PROGRAMMING



Micro-controller programmer kit introduces you to programming the PIC (Peripheral Interface Controller) devices from Microchip. This Programmer supports: Read, Erase, Program & Verify for PIC16C84 uController. The 16C84 is a general purpose 18 Pin uController that contains a flash EEPROM to store your program. Develop your application program on your PC then down load it to the C84 thru the programmer. Disc provided contains the assembler, programmer software, a sample program & files containing manuals & PIC data sheets. NOTE: To access the PIC data sheets on the disk requires Adobe Acrobat reader (Available free on Internet from Adobe @ <http://www.adobe.com>). Additional information on programming & software is available from Microchip & others on the Internet. Included is your 1st PIC16C84 to get started programming. Another source of information is "EASY PIC'n" (our stock# 8601-BK) K-81
L: 3-1/8" W: 1-7/8" H: 5/8" WT: .5

STOCK #	DESCRIPTION	PRICE
6081-KT	16C84 Programmer	\$39.95

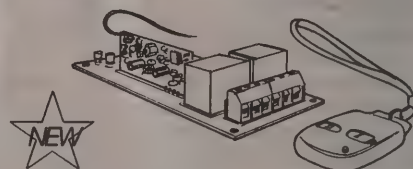
PIC MICROCONTROLLER REFERENCE BOOK



Latest version, "EasyPIC'n" from Square -1Ect. 150+ pg, soft cover, beginners guide to using PIC16/17 ucontrollers. Covers: Programming techniques, addressing modes, sequencing, tables, interrupts & much more. Sections on writing source code using a text editor, using an assembler, timing & counting, interfacing, use of programmers. Includes examples & experiments. K-81
H: 11" W: 8-1/2" T: 7/16" WT: 1

STOCK #	DESCRIPTION	PRICE
8601-BK	PIC Reference Book	\$29.95

2 CHANNEL REMOTE CONTROL RELAY KIT



Kit features a 2 button keyring UHF transmitter & a 2 channel receiver. Press transmitter button #1 & relay 1 energizes, press it again and relay de-energizes. Pressing #2 button activates #2 relay in the same manner. By adding jumpers to both the transmitter & the receiver you can set your own security code. Operating range is around 100ft. Pre packaged Transmitter includes battery & requires no assembly except to set security code. Receiver features a assembled & tested UHF receiver module, base mother board that you assemble that contains the receiver module, decoder IC, 2 SPDT 12VDC relays rated for 10A @ 24VDC/120VAC
Rec. L: 4-7/8" W: 1-15/16" H: 1" WT: .3

STOCK #	DESCRIPTION	PRICE
6082-KT	2 Channel Remote Control	\$49.95

AC LINE RELAY KIT



Ideal for projects that need an external relay to control an AC load. Board has a DPDT relay with 12V DC coil & contacts rated 5A @ 250V AC. On board transistor drivers allow either +12 or ground switching of contacts. Suppressor Diode across coil. Terminal strips for power and relay contacts. On board 5A fuse. Relay is UL Listed. K-84

L: 2-5/8" W: 2" H: 1" WT: .1

STOCK #	DESCRIPTION	PRICE
6084-KT	Line Control Relay Kit	\$14.95

MULTI-TIMER RELAY KIT



1st. kit in a series. Uses a 555 as a stable oscillator & 14 stage ripple counter. Pot to set osc. frequency. Select outputs of 8, 16, 32, 64, 128, 256, 512, 1024, 4096, or 8192 counts. When count is reached 12V 10ASPDT relay is energized. Contacts remain closed until power is removed. LED shows relay status. 12VDC power. K-85-1

L: 2-13/16" W: 1-11/16" H: 1" WT: .1

STOCK #	DESCRIPTION	PRICE
7866-KT	Multi-Timer Relay Kit	\$12.95
6085-KT	All 3 Relay Kits in Series	\$32.95

TIME-OUT TIMER RELAY KIT



2nd. kit in a series. Uses a 555 as a monostable timer. Pot to set time. Header sockets to allow you to change the timing cap. The 12V 10A SPDT relay is energized as soon as "Start" switch is pressed. Contact remain closed until time-out or "Reset" is pressed. LED shows relay status. 12VDC power. K-85-2

L: 2-3/8" W: 1-11/16" H: 1" WT: .1

STOCK #	DESCRIPTION	PRICE
7867-KT	Time-out Timer Relay Kit	\$12.95
6085-KT	All 3 Relay Kits in Series	\$32.95

BASIC DELAY TIMER RELAY KIT

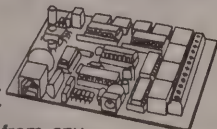


3rd. kit in a series. Basic timer that uses the R/C discharge to control a 12V 10A SPDT relay. Pot & Cap set the time. Relay is energized as soon as "Start" switch is pressed. Contact remain closed until time-out. LED shows relay status. 12VDC power. K-85-3

L: 1-7/8" W: 1-3/4" H: 1" WT: .1

STOCK #	DESCRIPTION	PRICE
7868-KT	R/C Time Delay Relay Kit	\$10.95
6085-KT	All 3 Relay Kits in Series	\$32.95

REMOTE RELAY KIT



uprocessor based kit connects to your phone line & allows you to control four SPDT 1A relays. Control from anywhere in the world using DTMF tones. Picks up line after 4 rings. Accessed by 4 digit password & relay code. Built-in line protection. Auto disconnect after 30sec. Commands: relay on; relay off; all off; & forced disconnect. 12VDC power. K-86

L: 4-1/8" W: 3-1/16" H: 1" WT: .26

STOCK #	DESCRIPTION	PRICE
6086-KT	Phone Remote Control	\$99.95

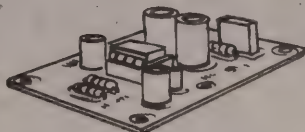
KIT ASSEMBLY PROBLEMS

Almost all kit problems we have encountered is in the assembly. Kits returned to us for repair have almost exclusively been found to have these errors

- 1: Solder shorts between traces or components
- 2: Caps/diodes/LEDs connected backwards
- 3: Components in wrong place on board
- 4: IC(s) backwards or switched

Yet when questioned the assembler always states that the kit has been doubled checked and is assembled correctly

1W STEREO AMPLIFIER

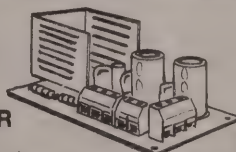


Based on the KA2209 amplifier IC. Simple design uses a minimum of external parts. Ideal for battery powered circuits. 2-9V operation. K-87

L: 2" W: 1-3/8" H: 3/4" WT: .1

STOCK #	DESCRIPTION	PRICE
6087-KT	1W Stereo Amp	\$9.95

20W (10+10) STEREO AMPLIFIER

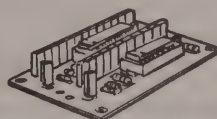


Based on the 10W/channel TDA2009A class AB amplifier IC. Simple design uses a minimum of external parts yet produces excellent sound. Terminal strips for input, output & power. 8-22V operation. K-88

L: 3" W: 1-11/16" H: 1-1/2" WT: .2

STOCK #	DESCRIPTION	PRICE
6088-KT	20W Stereo Amp	\$19.95

STEREO VU METER



Based on the LM3915 Log Dot/Bar driver IC. Simple design uses 7 green & 3 red LEDs in each channel to give approximate power level indication. Each LED represents 3db. Designed for use as a system building block or as stand alone indicator. 12V operation. K-89

L: 2-9/16" W: 1-5/8" H: 1/2" WT: .1

STOCK #	DESCRIPTION	PRICE
6089-KT	Stereo VU Meter	\$19.95



PRICE QUOTES, SPECIFICATIONS OR TECHNICAL SUPPORT

CALL

561-848-8236

ORDERS ONLY

CALL

1-800-652-6733

6W (3 + 3)

STEREO AMPLIFIER



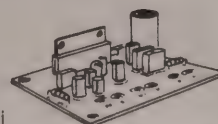
Based on the BA5406 stereo amplifier IC. Designed to boost casset, CD players or other low level sources to drive mini speakers. IC Requires heatsink Not Supplied. 12V operation. K-90

L: 2-5/8" W: 1-1/2" H: 1" WT: .1

STOCK #	DESCRIPTION	PRICE
6090-KT	6W Stereo Amp	\$12.95

17.5W

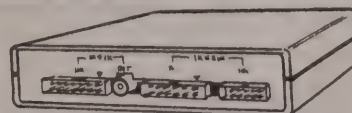
BRIDGED AMP.



Based on the Hitachi HA13001 Dual amplifier IC connected as a bridged mono amp. Drives 3-8 ohm speakers. 2 required for stereo. Designed for use as a building block or stand alone amplifier. IC Requires heatsink Not Supplied. 12V operation. K-91

L: 2-5/16" W: 1-7/16" H: 1" WT: .1

STOCK #	DESCRIPTION	PRICE
6091-KT	17.5W Mono Amp	\$12.95



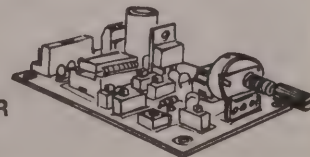
PC DATA ACQUISITION KIT

Available assembled and tested OR as a Kit. Unit turns your computer's parallel port into a digital & analog data acquisition and control system. Monitors 16 digital inputs (up to 20VDCmax). 11 multiplexed analog inputs (0-5VDC using 10bit ADC). You can drive relays, motors etc. with 8 digital outputs (open collector transistor output. 33V @ 500mA max), and 1 analog output (0-2.5V or 0-10VDC using 8 bit DAC). A set of simple DOS utilities (with source code) & code examples are provided. Case provided. Requires 12VDC, current required depends on your output loading

W: 5-1/2" H: 1-3/8" D: 4-3/8" WT: .7

STOCK #	DESCRIPTION	PRICE
6093-KT	Data Acquisition Kit	\$169.00
8400-KT	Assembled D A Kit	\$179.00

STEP MOTOR DRIVER KIT



Kit designed to drive 5, 6 or 8 lead Unipolar step motors. Board will drive motors rated 6-30VDC @ 1.25A or less. On board 5VDC regulator provides stable power to the 555 clock IC & the UCN5804B driver IC. Features: Full, 1/2 and single step modes; Standard & Wave (higher holding torque) drive; Forward/reverse switch. On board pot controls speed. 4 LEDs indicate winding that is energized. Ideal kit for those learning about step motors.

L: 2-5/8" W: 1-7/8" H: 1" WT: .1

STOCK #	DESCRIPTION	PRICE
8409-KT	Step Motor Driver Kit	\$29.95

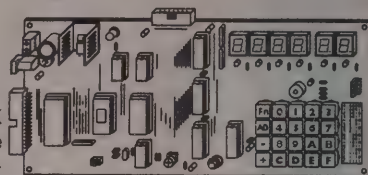
SINGLE BOARD COMPUTER KITS

Single board computer system designed to teach modern micro processor code development techniques. Not a copy of earlier computers but a complete 90's rethink of what a SB Computer should be. Expansion port allows system to grow with external boards as your knowledge grows.

SINGLE BOARD COMPUTER

Fully assembled micro computer based on the Z-80 CPU chip; this board holds the, CPU, keypad, LED displays, 8K RAM, 8K ROM and interface. 40 Pin IDC port with all micro processor lines, 16 Pin IDC port with 4 I/O ports. Can be connected to a P.C. Serial port to down load programs etc. Single step in both Hardware and Software to help in debugging. 4 bit I/O port with 2 input and 2 output Bits for use as a serial port & external hardware control. Two hardware speeds. Full details, schematics, program examples and Monitor listing supplied along with complete Z-80 Technical Manual with IC data sheets. Requires 9-15V AC/DC

L: 9-3/4" W: 5-1/8" H: 1" WT: .2



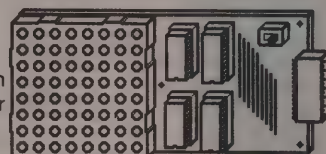
SC-2

STOCK #	DESCRIPTION	PRICE
6902-KT	Assembled Southern Cross Single Board Computer	\$179.95
6159-KT	Tech Manual & IC Data sheets Only (Included with Computer)	\$9.95

8 X 8 LED MATRIX DISPLAY KIT

Kit contains add-on external board with one 8 X 8 red LED matrix. Computer will drive up to 3 boards on the 16 pin I/O port with simple hardware modification to display board. Learn how to write software for moving sign, defining your own character set, etc. Full instructions & programs on supplied floppy disc. 16 Pin IDC Input port. SC-4

L: 4-5/8" W: 2-3/8" H: 3/4" WT: .3



STOCK #	DESCRIPTION	PRICE
6904-KT	S B Computer 8 X 8 Display Kit	\$69.95

RELAY BOARD KIT

This kit allows the S.B. Computer to communicate with the real world. Control lights, solenoids, etc. from your computer program. Kit supplies the external relay board and eight 12V. SPDT relays with 5A contacts. Board holds 8 relays and computer will drive up to 4 boards for 32 relays max. 16 Pin IDC Input port with terminal strips for relay contacts & external 12V DC power. 8-1/8" X 2-5/8" X 1" SC-21

L: 1-1/8" W: 2-5/8" H: 1" WT: .2



STOCK #	DESCRIPTION	PRICE
6903-KT	S B Computer Relay Board Kit	\$39.95

EPROM EMULATOR KIT

Kit contains circuit board & components to assemble a "Intelligent" EPROM emulator. Substitutes for 8K, 16K, & 32K EPROMs. Allows you to down load code from LP1 or LP2 printer port of a PC then substitute for ROM/EPROM on target micro computer. Supports Intel™ HEX & Binary files. Powered from target system. All cables provided. Program examples on supplied floppy disc.

NOTE: This Kit does not require the SB Computer but is down loaded from your PC SC-5

L: 4-1/2" W: 2-1/4" H: 1" WT: .4



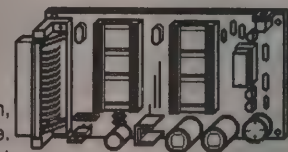
STOCK #	DESCRIPTION	PRICE
6155-KT	S B C EPROM Emulator Kit	\$99.95

8748/8749 MICRO-CONTROLLER EPROM BURNER KIT

Kit contains circuit board, components and PC Host software to assemble a board that you can use to Read, Program, Verify, & Blank check 8748/49 microprocessors. Connects to LP1 printer port of your PC using your standard printer cable. Requires 12 V AC power. PC host software on supplied floppy disc. (If you plan to burn a lot of chips we suggest you invest in a ZIF socket NOT SUPPLIED) SC-16

NOTE: This Kit does not require the SB Computer but is down loaded from your PC. Will burn 8K ROM used in SB Computer

L: 4-1/8" W: 3" H: 1" WT: .3



STOCK #	DESCRIPTION	PRICE
6166-KT	8748/8749 Controller Burner Kit	\$59.95

HOBBY & EXPERIMENTERS KITS

SOUND BOARD KITS

Single boards designed to produce various sounds. The board are compact and are fabricated using direct bonding of the IC chip to the board with a drop of epoxy. This "Chip on Board" (COB) technology allows for a small compact package. Kits contain all parts including speaker, switches, battery holder etc. unless otherwise noted.

TRAIN SOUND KIT



Produces 4 selectable, sounds associated with trains; Whistle blowing (repeats 3 times), Crossing bell, Chugging, and "Clickety-Clack". Parts supplied for 3V DC operation (battery holder for 2 "AA" supplied), but will operate from 2.5-6VDC. 2 boards can be cascaded to produce a sequence of sounds from one switch. SG1 COB board only 1.14" X .63"

WT: .2

STOCK #	DESCRIPTION	PRICE
6101-KT	Train Sound Kit	\$7.95

PHONE SOUND KIT

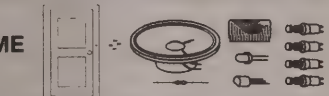


Produces 8 selectable, sounds associated with phones; Busy, Electronic Phone ringing, Autodialing, Musical tune & 4 different "Tones". Parts supplied for 3V DC operation (battery holder for 2 "AA" supplied), but circuit will operate from 2.5-5VDC. SG2 COB board only 1.14" X .63"

WT: .2

STOCK #	DESCRIPTION	PRICE
6102-KT	Phone Sound Kit	\$7.95

DOOR CHIME SOUND KIT



Produces 16 Door Chime melodies. At power up the 1st tune is played; each push of the button causes the next song to be played in sequence. Some of the tunes are: "Farmer in The Dell", "Die Lorelei", "Lovers Concerto". Parts supplied for 3V DC operation (battery holder for 2 "AA" supplied), circuit will operate from 2.5-5VDC. SG3 COB board only 1.14" X .63"

WT: .2

STOCK #	DESCRIPTION	PRICE
6103-KT	Door Chime Sound Kit	\$7.95

SIRENS SOUND KIT



Kit produces 4 selectable sounds; 3 Sirens & 1 Machine Gun. Circuit can be configured to operate as a single shot or to run continuously as long as button is pressed. Parts supplied for operation on 3V DC (battery holder for 2 "AA" supplied), but circuit will operate from 2.5-3.6VDC. SG4

COB board only 1.14" X .63"

WT: .2

STOCK #	DESCRIPTION	PRICE
6104-KT	Sirens Sound Kit	\$7.95

DING-DONG SOUND KIT

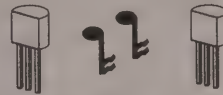


This kit produces classic "Ding-Dong" door chime sounds. Components supplied for operation on 3V DC (battery holder for 2 "AA" supplied), but circuit will operate from 2.4-5VDC. Changing the value will allow you to change the tone and duration of the sound. COB board only 1.14" X .63"

L: 1.14" W: .63" H: .2" WT: .24

STOCK #	DESCRIPTION	PRICE
6105-KT	Ding-Dong Sound Kit	\$7.95

MICRO MELODY KIT



Kit contains two melody "Transistors". Each TO-92 case contains a CMOS LSI IC. Super simple to connect; add a small mylar speaker (not supplied). Both play the same 128 note tune that repeats as long as power is supplied. Operates on 3V DC (battery holder for 2 "AA" supplied), but circuit will operate from smaller cells. SG6

WT: .1

STOCK #	DESCRIPTION	PRICE
6106-KT	Melody Transistor Kit	\$6.95

MELODY CARD KIT



Kit contains two melody boards with a (COB) CMOS LSI IC. Each has a micro speaker, coin cell & simple leaf switch. Similar to those in musical greeting cards. Both play the same 128 note tune that repeats as long as switch is closed. Speaker & switch can be removed and relocated. L: 3.25" W: 1.375" H: .125" WT: .2

STOCK #	DESCRIPTION	PRICE
6107-KT	Melody Card Kit Kit	\$7.95

4 ANIMAL SOUNDS KIT



Kit produces 4 selectable sounds; Cat, Dog, Cow, & Chicken. Ideal for stuffed animal or similar childrens toys. Parts supplied for operation on 6V DC (battery holder for 4 "AA" supplied), circuit will operate from 4.5-6VDC. SG10

COB board only 1.14" X .63"

WT: .2

STOCK #	DESCRIPTION	PRICE
6110-KT	Animal Sounds Kit	\$7.95

SIREN SOUND BOARD



Kit supplies 3 identical boards. Compact board fabricated using direct bonding of the IC chip to the board. Produces standard siren sound. Continuous as long as circuit is triggered. Operates from 2.5-5VDC. Used as building block in personal & commercial applications. SG11

COB board only .75" X .63"

WT: .02

STOCK #	DESCRIPTION	PRICE
6111-KT	Siren Sound Boards	\$7.95

BOMB SOUND KIT



This circuit is the basis for many toys & games. Produces 8 selectable sounds; Bomb burst, 3 Sirens, 1 Machine Gun, 4 decending tones, Rifle shot echo & Bomb falling. Continuous as long as button is pressed. Parts supplied for 3V DC operation (holder for 2 "AA" supplied), circuit will operate from 2.5-5VDC. SG12

COB board only 1.13" X .63"

WT: .3

STOCK #	DESCRIPTION	PRICE
6112-KT	Bomb Sound Kit	\$7.95

HI-VOLTAGE SUPPLY KIT

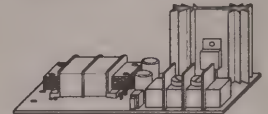


Adjustable Hi-Voltage supply kit for .5-3mW Laser tubes or other hi-voltage projects. Input 9-14V DC @ .5A-1A. Output > 10KV open circuit. Approximate output current of 6mA. Trigger voltage 8-10kV. Complete kit with PC board, hi-voltage fly-back transformer, 555 IC, transistor, pot, hi-voltage caps & instructions.

L: 5" W: 2-1/8" H: 4-1/4" WT: .7

STOCK #	DESCRIPTION	PRICE
5298-LZ	LASER Supply Kit	\$39.95

BATTERY CHARGER KIT

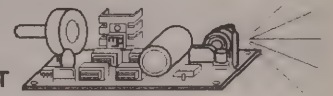


Straight forward kit used to supply 13.8V DC to charge Lead Acid/Gel Cells. Will charge batteries in the 1-5Ahr range in 8-16hrs depending on state of discharge and capacity. 3ft. input Line cord & Terminal strip for output. Approximately 200mA charge current. 110/220 VAC input

L: 4-1/4" W: 2" H: 1-1/4" WT: .5

STOCK #	DESCRIPTION	PRICE
6600-KT	Battery Charger Kit	\$12.95

VARIABLE STROBE KIT



Kit has all parts, (except hardware) to build a repetitive flash. Variable from 1 flash/second to 1 per 4 seconds. 4.5-6 or 12 VDC input. Ideal for special effects.

L: 3-5/8" W: 2" H: 1-1/4" WT: 1

STOCK #	DESCRIPTION	PRICE
1142-KT	Xenon Strobe Kit	\$9.00
2941-LA	Spare Flash Tube	\$1.50

DC MOTOR SPEED CONTROL KIT

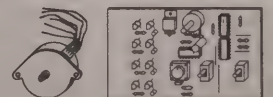


12V DC motor or lamp control kit. Will control any 12V DC load up to 10A. uses pulse width mod. to give 5% to 98% control range. Kit contains all parts and a 12 V DC demo motor. Ideal for DC tools, science fair projects.

L: 3" W: 2-3/8" H: 1-3/4" WT: .63

STOCK #	DESCRIPTION	PRICE
4057-MD	DC Motor Control Kit	\$15.95

STEP MOTOR DRIVER KIT



Motor driver kit for bipolar step motors, kit comes complete with board, parts and a 12V DC/7.5 deg motor. Variable speed, reversible. As built approx. 5RPM at min & 25 RPM Max with 7.5° motor. Will drive other 12V step motors, requires 12V DC input.

L: 3-7/8" W: 2-3/4" H: 1-1/2" WT: 1

STOCK #	DESCRIPTION	PRICE
3344-KT	Step Motor Drive Kit	\$24.95 \$19.95

ORDERS: 1-800-652-6733

FAX ORDERS: 1-800-432-9937

71

DIGITAL THERMOMETER KIT

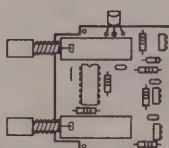


Kit designed to turn your digital multi-meter into an accurate thermometer with .1 degree resolution. 250 degree span covering from -40 to +300 deg "F". Sensor is only 1/4" Sq & can be remotely located. Requires 9V battery.

DT-3
L: 1-1/2" W: 1-1/8" H: 1/2" WT: .2

STOCK #	DESCRIPTION	PRICE
3370-RB	Digital Thermometer Kit	\$8.95

DIGITAL INDUCTANCE METER KIT

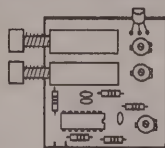


Circuit designed to turn your digital multi-meter into an accurate inductance meter. Will measure inductors from 3uH to 7mH. Needs 9V battery. IA-1

L: 2" W: 1-3/4" H: 3/8" WT: .2

STOCK #	DESCRIPTION	PRICE
4519-RB	Inductance Meter Kit	\$14.95

DIGITAL CAPACITANCE METER KIT

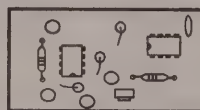


Circuit designed to turn your digital multi-meter into an accurate capacitance meter. Will measure capacitors from less than 2pF to 2.2uF. Needs 9V battery.

CA-1
L: 2" W: 1-3/4" H: 3/8" WT: .2

STOCK #	DESCRIPTION	PRICE
3371-RB	Capacitance Meter Kit	\$12.95

SUPER BIG-EAR AMPLIFIER KIT

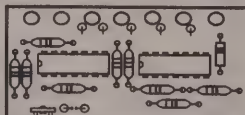


Super sensitive amplifier kit can hear through walls etc. Couple to a parabolic reflector & pocket radio earphones to hear for blocks. Can be used as a general purpose 1.5W amp. Supplied with a mini-microphone. Runs on 6-12V DC.

AA-1
L: 1-3/4" W: 1" H: 3/8" WT: .2

STOCK #	DESCRIPTION	PRICE
3378-RB	"Big Ear" Kit	\$10.95

BATTERY MONITOR KIT

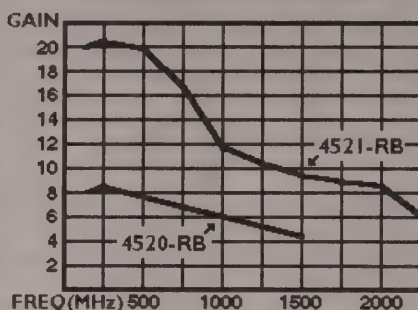


Voltage monitor kit monitors voltages using 7 LEDs (2 red, 2 yellow, 3green). Change resistors to select voltage ranges and indicated steps: 5V or 8V in 1/4V steps or 12V in 1/4, 1/2 or 1V steps. All parts included.

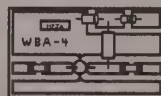
VM-1
L: 2-3/4" W: 1-7/16" H: 3/8" WT: .2

STOCK #	DESCRIPTION	PRICE
4210-RB	Battery Monitor Kit	\$7.95

WIDEBAND RF PREAMPS



8DB WIDEBAND RF PREAMP

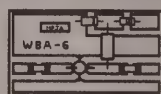


RF preamp kit for driving balanced mixers, converters, etc. Uses state-of-the-art Teflon Board, & strip line microwave IC. Amplifies High Level signals to an output level of approximately 1V, 7dB noise @ 1MHz-1.5GHz, 1dB compression= +11dBm, Gain=8dB @ 1MHz, 5dB @ 1.5GHz.. 12V DC @ 50Ma . WBA-4

L: 1-1/4" W: 3/4" H: 3/8" WT: .1

STOCK #	DESCRIPTION	PRICE
4520-RB	8dB RF Amp. Kit	\$14.95

20DB WIDEBAND RF PREAMP

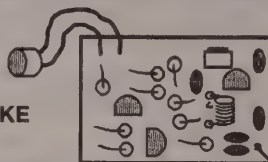


RF preamp kit for scanners, frequency counters, receivers, etc. Uses state-of-the-art Teflon Board, & strip line microwave IC. Amplifies low Level signals. 2.8dB noise @ 1MHz-2.5GHz, 1dB compression =0dBm, Gain=20dB @ 1MHz, 6dB @ 2.5GHz.. Two amps can be cascaded for more gain. 12V DC @ 16Ma WBA-6

L: 1-1/4" W: 3/4" H: 3/8" WT: .1

STOCK #	DESCRIPTION	PRICE
4521-RB	20dB RF Amp. Kit	\$19.95

WIRELESS MIKE

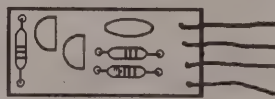


Wireless mike kit can transmit up to 400 yards to a FM radio. Tunable from 80MHz-120MHz. Comes with mike and 9V battery clip. Operates from 6-12V DC.

WM-1
L: 1" W: 15/16" H: 3/8" WT: .2

STOCK #	DESCRIPTION	PRICE
3377-RB	Wireless Mike Kit	\$12.95

AUTOMATIC PHONE RECORDING SWITCH

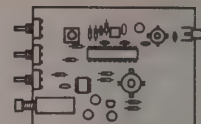


Phone line powered kit will activate a tape recorder or relay when the phone is picked up. Supplies both sides of the conversation to the recorder.

TEL-SW1
L: 5/8" W: 15/16" H: 3/8" WT: .2

STOCK #	DESCRIPTION	PRICE
3375-RB	Phone Record Switch Kit	\$10.95

2METER 10 METER OR 220 Mhz FM COMMUNICATION RECEIVER KIT



Kit uses the new Motorola MC3362 IC. Uses 10.7 MHz & 455 KHz dual conversion to receive 5KHz narrow band FM. 1uV sensitivity. Varactor tuned with squelch and volume controls. 400mW audio output. Components supplied to set tuning range in the 2M, 10M, or 220MHz bands. Runs on 9V DC. Case, knobs, feet, front & rear panels available separately

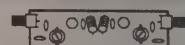
Case Kit supplies the extra parts for those of you who don't have your own case, knobs, feet and panels

REC-FM2
Board:
L: 4-5/8" W: 4-1/8" H: 1/2" WT: .5

Case:
L: 5-1/4" W: 5" H: 2" WT: .5

STOCK #	DESCRIPTION	PRICE
6599-RB	Narrow Band Receiver Kit	\$34.95
7156-RB	Case, Knobs, & Panel Kit	\$12.95

UNIVERSAL FILTER



Multi-pole, sharp notch filter eliminates picture distortion &/or annoying "beep-beep" found on premium cable channels between 2-22. Can be used on standard 75 ohm Antenna systems to remove any single channel (requires 2 filters). Connect between incoming cable or converter & TV/VCR.

NOTE: NOT a descrambler. Requires permission of local cable co. to use. Requires some technical knowledge & patience

DF-222
L: 3-3/4" W: 1" H: 1" WT: .3

STOCK #	DESCRIPTION	PRICE
4647-RB	TV Notch Filter Kit	\$14.95

RADAR DETECTOR KIT



Simple & effective detector circuit can be tuned to detect signals between 50MHz-500GHz. Cigarette lighter plug included. Audio output indicator. Operates from 9-15V DC (12V recommended). RSD-1

L: 1" W: 3/4" H: 3/8" WT: .2

STOCK #	DESCRIPTION	PRICE
3662-RB	Radar Detector Kit	\$12.95

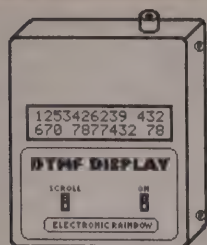
TEMPERATURE CONTROLLER KIT



Circuit output is open collector transistor that sinks up to 100mA to operate external relay (NOT SUPPLIED). Holds relay closed until temperature rises to adjustable set point. 6-15V DC Operation. TC2

L: 1-1/2" W: 1-1/4" H: 1/2" WT: .2

STOCK #	DESCRIPTION	PRICE
5289-RB	Temp. Control Kit	\$7.95



DTMF Display Kit

This kit decodes all DTMF tones including 0-9,*,*, A-C. Displays on a 2 X 16 LCD display. You can connect to any DTMF tone source. Records and decodes from such sources as: Phone Line, Scanner, Tape recorder, Receiver etc. Stores the last 490 digits it receives. Exceed 490 and unit pushes out the first digit received. Stored data is easily displayed using the scroll switch. Decoder is used to test phone equipment, modems, remote verification of control codes, alarm system dialer test, even monitoring phone usage. Maintains data even with battery removed. Black anodized aluminum case. RCA jack input. Requires 9VDC battery. DTMF-DIS L: 4" W: 3.5" H: 1" WT: .6

STOCK #	DESCRIPTION	PRICE
7152-RB	DTMF Display Kit	\$119.95

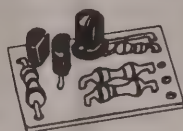


CODE PRACTICE OSCILLATOR KIT

Easy to build kit is great for learning code. Complete with all parts including the Key. Morse code chart included. Requires 9VDC battery. COD-K1 L: 3" W: 2-1/2" H: 1-1/2" WT: .48

STOCK #	DESCRIPTION	PRICE
7153-RB	Code Practice Kit	\$24.95

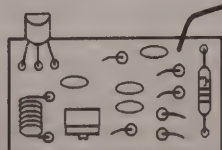
PHONE LINE BUSY MONITOR



Add one to all your phones. When one phone is in use, a red LED is lighted on all the other phones. Shows that the line is in use so they don't pick-up and disturb your modem, FAX or those private conversations. Requires 9VDC battery. TEL-LITE L: 1.1" W: .6" H: 3/8" WT: .2

STOCK #	DESCRIPTION	PRICE
7154-RB	Phone Line Monitor Kit	\$9.95

PHONE MONITOR TRANSMITTER



Phone line powered monitor kit transmits both sides of the conversation to any FM radio. Tuneable from 70MHz to 130MHz. Make any phone a speaker phone. TEL-B1 L: 1" W: 1/2" H: 3/8" WT: .2

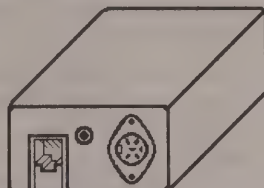
STOCK #	DESCRIPTION	PRICE
3374-RB	Phone Monitor Xmitter Kit	\$10.95

PLEASE REMEMBER

ALL KITS REQUIRE A MINIMUM ABILITY TO READ SCHEMATICS, USE SMALL TOOLS, SOLDERING IRON ETC.

SOME KITS REQUIRE A HIGHER LEVEL OF KNOWLEDGE AND ABILITY INCLUDING USE OF TEST EQUIPMENT

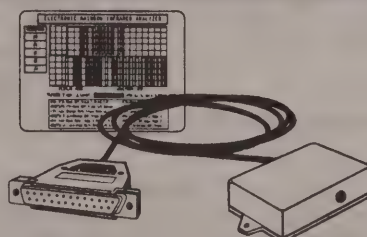
KEEP THIS IN MIND WHEN ORDERING.



DTMF DECODER CONTROLLER KIT

This kit decodes all DTMF tones including 0-9,*,*, A-D. Can use any source for the DTMF tone, such as Phone line, Scanner, etc. When you press the "Learn" button the internal uController stores the DTMF code sequence (up to 16 Digits) in non-volatile memory. When this code sequence is detected the unit activates the internal relay. To deactivate you simply enter # and your code or press the Reset button on the unit. Ideal for controlling a light, air conditioner, etc. from a remote location. Can be used to disconnect the Phone line if a certain number is dialed. RJ-11 Mod jack for phone line connection, DIN connector for relay output. AC adaptor supplied. DTMF-1 L: 5" W: 2.7" H: 2.5" WT: .6

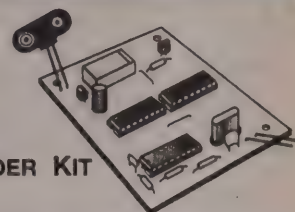
STOCK #	DESCRIPTION	PRICE
7155-RB	DTMF Controller Kit	\$74.95



INFRARED ANALYZER KIT

Kit based on Motorola's MC3373 Remote control amp/detector. This kit allows you to display & analyze code patterns from any infrared device. Software allows you to save to disc, compare current display with one stored on disc, & print screen. 2 second sampling is displayed and you can "zoom" in on any 8 millisecond portion. The on screen trace can be saved in ASCII comma-delimited format for import into spreadsheets. Kit connects to your computers parallel port and the software runs on any P.C. compatible 386 or later machine with VGA graphics & DOS 3.3 or higher. TIR-1 L: 2-7/8" W: 1-1/2" H: 3/4" WT: .3

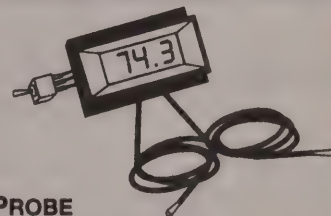
STOCK #	DESCRIPTION	PRICE
8837-RB	Infrared Analyzer Kit	\$89.95



"SWEET 16" DTMF DECODER KIT

This kit decodes all DTMF tones including 0-9,*,*, A-D. Can use any source for the DTMF tone, such as phone line, scanner, etc. You use a jumper to connect 1 of 16 outputs to drive the internal relay. When selected digit is detected the relay is energized. By adding additional external relays you can control up to 16 different devices. Relay is energized as long as tone is detected. By adding external flip-flops or delay circuits you can obtain "toggle" or time out actions. Ideal building block for more complicated circuits. Turn on your AC unit from your office. Use your cell phone to activate an outside light. Internal relay is rated DPDT 1A max @ 12VDC/115VAC resistive; so if a heavy or high power load is expected you should use the internal relay to control a heavier external relay. Operates on 7.5-18VDC (9V battery) TT-16 L: 2-7/8" W: 2-1/8" H: 5/8" WT: .15

STOCK #	DESCRIPTION	PRICE
8838-RB	DTMF Sweet 16 Kit	\$34.95



DUAL PROBE DIGITAL THERMOMETER KIT

Kit uses a 3-1/2 digit LCD Digital Panel Meter & a pair of National LM34 temperature sensors to construct an accurate thermometer with .1° resolution & +-1-1/2° accuracy from -50° to +300° F. The TO-92 size sensors can be remotely located. Uses flat 4 conductor "phone" type cable to connect sensors so their's no stiff cable or wires. Switch controls power & which sensor is read. Ideal for monitoring inside vs outside temperature, Photographic chem baths, equipment temperatures in cabinet. Requires 9V battery. LCD-T1

Pre drilled box with cutout available separately.

Meter L: 1-1/2" W: 1-1/8" H: 1/2" WT: .17

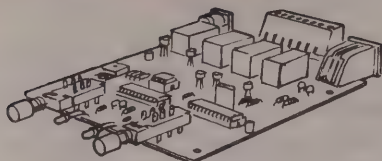
Box L: 3" W: 2-1/2" H: 1-5/8" WT: .13

STOCK #	DESCRIPTION	PRICE
8835-RB	Digital Thermometer Kit	\$34.95
8836-RB	Predrilled Plastic Box	\$9.95

ELECTRONIC TIMER

Dual mode timer kit has many uses. In the astable mode the circuit produces a continuous train of pulses; in the mono stable mode produces a triggered time delay. Comes with a variety of resistors & caps. Can be cascaded for compound applications. Operates from 4.5-12V DC. ET-1 L: 1" W: 15/16" H: 3/8" WT: .2

STOCK #	DESCRIPTION	PRICE
3376-RB	555 Timer Kit	\$6.95

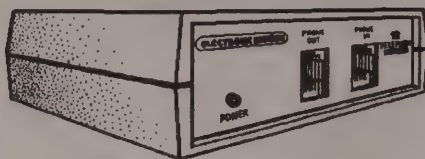


PHONE TONE GENIE KIT

The Phone Genie kit may be connected to a phone line, radio receiver, or scanner (or any source of DTMF tones). Controls 4 separate relays that you can use to control appliances, security equipment, etc from most anywhere in the world that you can access a phone. Genie stays connected to your line, and when your answer machine picks up you transmit your security code (up to 15 digits), and the relay # to access a relay (repeat to access another relay). You can energize each relay individually or all together (You turn them off the same way). On board EEPROM is used to store your code even when power is removed. Includes power pack. Pre drilled cabinet available separately

L: 5-4/4" W: 3-7/8" H: 3/4" WT: .8

STOCK #	DESCRIPTION	PRICE
8839-RB	Phone Genie Kit	\$99.95
8840-RB	Phone Genie Case	\$12.95



PHONE ACTIVITY MONITOR KIT

Do you know who your employees are calling? Are your children dialing up "on line" pervers? This kit monitors all activity of your phone.

Out going Calls: Records Date, Time of each call;

Length of each call
The number called
Credit card number (if used)

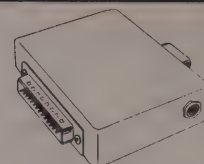
In coming Calls: Records Date & Time of call

Number of rings
Length of call

Records any DTMF tone on line regardless of source. Only 3 connections: Parallel Port of your P.C; Phone line in; and your Phone. Menu driven DOS software included. Writes to screen or Disk. TM-1

L: 5-1/4" W: 5-1/8" H: 1-1/2" WT: 1.4

STOCK #	DESCRIPTION	PRICE
6408-RB	Phone Line Logger	\$99.95



COMPUTER OPERATED 8 CHANNEL A/D CONVERTER KIT

Easy to assemble kit uses a TIL549 A/D converter, and a CD4051 CMOS Mux/Switch to provide 8 channels of 8 bit analog to digital conversion. Operates off the parallel port of your P.C. Under software control you select: channel for conversion, start conversion, & clock out the serial data. Included DOS software provides you with simultaneous on-screen display of 8 inputs on 64 segment bar graph display, or the numeric value of each ch., or a single selectable channel of Oscilloscope like trace. Hardware selectable 0-2.5 VDC or 0-5VDC input range. Chart provided to calculate scaling resistors (RESISTORS NOT INCLUDED) Plug supply provides power. 3" X 2-1/2" X 1" case mates to parallel port on back of PC. DB-9 connector for 8 analog inputs.

L: 3" W: 2-1/2" H: 1" WT: 1.4

STOCK #	DESCRIPTION	PRICE
5293-RB	A/D Converter Kit	\$79.95

I/R TRANSMITTER KIT

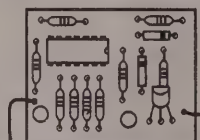


Transmits beam of I/R light across 6-8ft. distance. Use of 40 KHz modulated beam blocks out other sources of direct I/R light. When used with companion receiver; Kit can be used to detect objects interfering with beam, count objects, or as remote control. 6-12V DC Operation. IR3

L: 1" W: 3/4" H: 1/2" WT: .2

STOCK #	DESCRIPTION	PRICE
5287-RB	I/R Transmitter Kit	\$4.95

VOICE ACTIVATED SWITCH

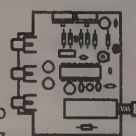


Voice activated switch circuit. Will operate a 100mA load. Can be used to drive a light, a relay for higher loads, etc. Use for alarms, ham radios, etc. Operates from audio source or from crystal, ceramic or electret mike. Operates on 5-15V DC. VOX-1

L: 1-1/2" W: 1-1/4" H: 3/8" WT: .2

STOCK #	DESCRIPTION	PRICE
3373-RB	VOX Switch	\$6.95

FM STEREO TRANSMITTER KIT



Kit transmits any stereo source to any FM radio/tuner in the 76-108MHz range. RCA jacks for Left & Right audio inputs & antenna. Excellent clarity with approximately 40db of stereo separation. Antenna length will determine distance transmitted. 9V DC power. Case not supplied. FMST-100

L: 2-5/8" W: 1-15/16" H: 1/2" WT: .15

STOCK #	DESCRIPTION	PRICE
6598-RB	FM Stereo Transmitter Kit	\$29.95

I/R RECEIVER KIT



Only receives beam of 40 KHz modulated I/R light so that it blocks out other sources of direct I/R light. When used with companion transmitter; Kit can be used to detect objects interfering with beam, count objects, or as remote control. Output can be wired as "Normally Open" or Normally Closed" 6-12V DC Operation. IR4

L: 1" W: 13/16" H: 1/2" WT: .2

STOCK #	DESCRIPTION	PRICE
5288-RB	I/R Receiver Kit	\$17.95

LIGHT CONTROLLER KIT



Circuit output is open collector transistor that sinks up to 100mA to operate a external relay (NOT SUPPLIED). Holds relay closed until light level rises to adjustable set point. 6-15V DC Operation. LG2

L: 1-1/2" W: 1-1/4" H: 1/2" WT: .2

STOCK #	DESCRIPTION	PRICE
5291-RB	Light Controller Kit	\$7.95

MICRO WIRELESS MIKE KIT

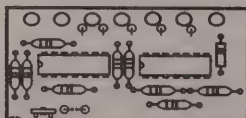


Micro small Wireless mike kit takes advantage of surface mount parts to make a small but powerfull unit. Surface mounted parts are installed; all you install is the leaded parts. Transmits up to 1/2 mile to a FM radio. Tunable from 88MHz-108 MHz. With mike & 9V battery clip. Operates from 6-12V DC. MMUM5

L: 15/16" W: 5/16" H: 3/8" WT: .2

STOCK #	DESCRIPTION	PRICE
5174-RB	Micro Wireless Mike Kit	\$34.95

AC VOLTAGE MONITOR KIT



Voltage monitor kit monitors voltages using 7 LEDs (2 red, 2 yellow, 3green). 100VAC to 132VAC in 6V steps. Change resistors to select voltage ranges and indicated steps. All parts included. VM-110

L: 2-3/4" W: 1-7/16" H: 1/2" WT: .15

STOCK #	DESCRIPTION	PRICE
6597-RB	AC Voltage Monitor Kit	\$10.95

WATER DETECTOR KIT



555 Osc. circuit drives speaker (INCLUDED) to sound alarm when water level rises on remote sensor board and changes the conductivity between the 2 contacts. 6-12V DC Operation.

Main Board .8" X .75" Sensor board 1.25" sq. WD2

WT: .4

STOCK #	DESCRIPTION	PRICE
5292-RB	Water Detector Kit	\$9.95

MICRO TELEPHONE TRANSMITTER KIT



New, Phone bug kit takes advantage of surface mount parts to make a small but powerful unit. Surface mounted parts are installed; all you install is the leaded parts. Transmits both sides of conversation up to 1/4 mile to a FM radio. Tunable from 88MHz-108 MHz. Phone line powered MMPT2

L: 9/16" W: 3/8" H: 3/8" WT: .2

STOCK #	DESCRIPTION	PRICE
5175-RB	Micro Phone Transmitter	\$29.95

The versatile BASIC STAMP from Parallax inc. is a single board micro controller based on Micro Chip's PIC programmable controllers. The STAMP runs BASIC language programs. The Stamp may seem a minimal controller and in fact is; but with software that fully utilizes all its available hardware gives you a powerful controller. BASIC programs are developed and "Tokenized" on your PC and are down loaded into the on board EEPROM.

The Stamp has an EEPROM that holds your program. By the addition of a few components, can easily be programmed for serial communications, pulse measurement, potentiometer input, tone generation, Pulse Width Modulation and many other uses.



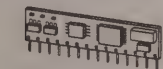
BASIC STAMP STARTER KITS

Ideal for first time Users.

Starter Kit contains everything needed to utilize a BASIC STAMP in your application. Write software on your PC then down load to the Stamp. Kit comes with applicable Stamp manual, Application notes, Cable, applicable software disc & your choice of: Basic Stamp Rev. D Board. **OR** 1 BASIC STAMP BS1-IC SIP Module & Carrier Board, **OR** 1 Basic Stamp BS2-IC DIP Module & Carrier Board. Extra Basic Stamp Board/Modules sold separately

Full Development Package available: covers all stamps including Software & Manuals (does not include Basic Stamp Module(s) or carrier board(s)) **WT: 2**

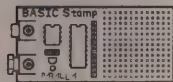
STOCK #	DESCRIPTION	PRICE
8941-PX	Starter Kit for Stamp Rev D Board	\$79.00
8942-PX	Starter Kit for BS1-IC & Carrier Board	\$99.00
8943-PX	Starter Kit for BS2-IC & Carrier Board	\$149.00
6872-PX	Development Package for all Stamps (No Modules)	\$99.00



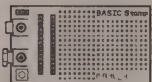
SIP MODULE



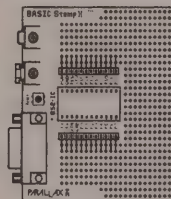
DIP MODULE



REV. "D" STAMP



SIP CARRIER BOARD



DIP CARRIER BOARD

BASIC STAMP MICROCONTROLLERS

Fully assembled micro computers based on the Microchip's PIC series CPU ICs pre-programmed to run BASIC. Stamp controllers include:

Original Basic Stamp Rev. D micro computer. Board holds the CPU, EEPROM, clips for 9V battery and a bread board area for adding your own parts.

Features: CPU & 256 Byte serial EEPROM. Features 32 instructions including the familiar GOTO, FOR, NEXT, IF...THEN, as well as Specialized commands such as SERIN (Serial In), SEROUT (Serial Out), PWM (Pulse Width Modulation out). 8 Programmable I/O lines.

BS1-IC SIP Module can be direct mounted in your circuit or plugged into the available Carrier board.

Features: Same as the Original Rev. "D" board.

SIP Carrier board has socket for SIP Module, clips for a 9 Volt battery, Reset Button and Breadboard area to add your own components.

L: 2-1/2" W: 1-1/2" H: 1/2" WT: .2

BS2-IC DIP IC Module can be direct mounted in your circuit, IC Socket, or plugged into the available Carrier board.

Features: 16 I/O lines, 2K EEPROM (600 Instructions) 20MHz Clock (9600 baud). Commands include all those available in the SIP & Rev "D" Stamps PLUS "XOUT" for interfacing to X-10 power line remote control modules, "DTMFOUT" for generating phone tones, "COUNT" for counting cycles (for tachometers & other counting applications).

DIP Carrier board has socket for DIP Module, clips for a 9 Volt battery, Reset Button, RS-232 Serial Port and a Breadboard area to add your own components.

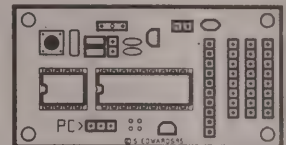
L: 2-7/8" W: 2-5/8" H: 1/2" WT: .2

First time buyers should purchase a Starter Kit.

STOCK #	DESCRIPTION	PRICE
6871-PX	BASIC STAMP Rev. D uComputer Board	\$34.00
7071-PX	BASIC STAMP BS1-IC uComputer SIP Module	\$29.95
7072-PX	BASIC STAMP BS1-IC SIP Carrier Board	\$15.00
7246-PX	BASIC STAMP BS2-IC uComputer DIP Module	\$49.00
7247-PX	BASIC STAMP BS2-IC DIP Carrier Board	\$19.95

"STAMP" HARDWARE FROM SCOTT EDWARDS

SCOTT EDWARDS is one of the leading experts on the PIC microcontrollers and their use in the Parallax "Stamp". Known for his articles in "Electronics Now and "Nuts & Volts" magazines. These High quality products are designed to expand and ease the use of these handy controllers



"COUNTERFEIT STAMP" KIT

SCOTT EDWARDS ELECTRONICS introduces a 100% "BASIC STAMP" compatible micro controller **IN KIT FORM!** Features: 4MHz clock CPU & 256 Byte serial EEPROM, 32 instructions including GOTO, FOR, NEXT, IF...THEN, as well as Special commands; SERIN (Serial In), SEROUT (Serial Out), PWM (Pulse Width Modulation out). 8 Programmable I/O lines.

Turbo Options allow 2X or 4X speed-up

Development Kit allows you Edit, debug, & down load programs to Stamps. Requires PC with 3.5" Drive, 128K Ram & a Parallel Port.

Development Kit includes: 1 Counterfit Stamp (Standard Speed); Parallax Programming Software; Interface cable Kit & 150pg. Manual with App. Notes.

First time buyers should purchase the Development Kit

L: 2" W: 1-1/4" H: 3/8" WT: .1

STOCK #	DESCRIPTION	PRICE
7270-SE	Counterfeit Stamp Kit	\$29.00
7271-SE	Counterfeit Stamp 2X Turbo Kit	\$30.95
7272-SE	Counterfeit Stamp 4X Turbo Kit	\$32.95
7273-SE	Counterfeit Stamp Development Kit	\$69.00

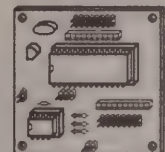


LCD DRIVER BOARD

Assembled SCOTT EDWARDS ELECTRONICS microcomputer controlled LCD Backpack board. Mounts directly to the back of 5 X 7 Dot Matrix LCD modules. Drives ALL 1 and 2 line LCDs up to 40 characters per line. Converts 2400 or 9600 Baud Serial data to parallel data for the LCD. Allows user to access LCD commands like Scrolling, custom characters & Print-at capability. Works with Basic Stamp, Com Port on P.C. and Single Board Computers with serial output port. Documentation supplied.

L: 2-7/8" W: 1-3/8" H: 5/8" WT: .1

STOCK #	DESCRIPTION	PRICE
7074-SE	Scott Edwards LCD Backpack Driver Board	\$29.00



STAMP STRETCHER BOARD

Assembled SCOTT EDWARDS ELECTRONICS Stamp Stretcher 1B inexpensive expansion board adds 16 general purpose I/O pins & a 8 Bit Analog to Digital converter to the Basic Stamp. 2400 or 9600 Baud Serial communication with the Stamp. Documentation supplied.

L: 2-1/4" W: 2-1/4" H: 5/8" WT: .1

STOCK #	DESCRIPTION	PRICE
7189-SE	Scott Edwards Stamp Stretcher 1B Board	\$45.00

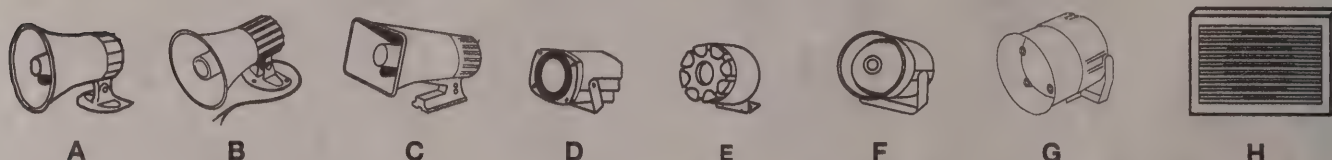
SPEAKERS



INDOOR/OUTDOOR COMMERCIAL SOUND SPEAKERS

Multi-Purpose speakers. Designed for Paging, Music, Communication, Intercom and Signaling applications. Impedance is 8 ohms unless noted.

STOCK #	FIG.	DESCRIPTION	FREQ. RANGE	POWER WATT	CASE	WT.	PRICE
6238-SP	A	4" Heavy Duty Speaker/Metal Bracket	400-13K Hz	40 peak	Weather Proof White ABS	2	\$21.25
6239-SP	B	5" Round Speaker/Swivel Metal Bracket	200-15K Hz	15nom 20 peak	Weather Proof White ABS	2	\$8.75
6240-SP	C	8" Round with Swivel Bracket & Transformer	350-14K Hz	25 or 70V Line	Weather Proof Tan ABS	2	\$52.50
6241-SP	D	8" Round/Metal Swivel Bracket	300-7K Hz	25 peak	Weather Proof Gray Aluminum	4	\$27.50
6242-SP	E	11"X 6" with Swivel Bracket & Transformer	450-8K Hz	25 or 70V Line	Weather Proof Tan ABS	4	\$60.00
6243-SP	F	5" X 8" Horn with Metal Swivel Bracket	300-7K Hz	25 peak	Weather Proof Gray Aluminum	4	\$27.50
6244-SP	G	5" X 8" Horn with Plastic Foot	450-10K Hz	30 nom 40 peak	Weather Proof White ABS	4	\$21.95
6245-SP	H	11" X 6" Horn with Alarm Tamper Loop	400-13K Hz	40 peak	Weather Proof White ABS	2	\$32.28
6246-SP	I	4" sq. X 2" Wall Mount with Mylar Speaker	300-6K Hz	15 nom	Weather Proof White ABS	2	\$13.75
6247-SP	J	6" X 5" X 1" Flush Mount with Mylar Speaker	250-5K Hz	15 nom	Weather Proof White ABS	2	\$13.75



SELF CONTAINED ALARM SIRENS

Multi-Purpose sirens with built-in electronic drivers, 6-12V DC Operation unless noted otherwise. High Sound Pressure Levels (SPL)

STOCK #	FIG.	DESCRIPTION	FREQ. RANGE	WATTS	SPL	CASE	WT.	PRICE
6248-SU	A	4" Heavy Duty Siren/Metal Bracket	6 tone Sweep	15	120db	Weather Proof White ABS	1	\$19.88
6249-SU	B	12VDC 5-1/4" Round Siren/Metal Bracket	Sweep	15	110db	Weather Proof White ABS	1	\$15.99
6250-SU	A	5" Round Siren/Metal Bracket	2 Tone Yelp/SS	15	115db	Weather Proof White ABS	1	\$13.75
6251-SU	A	5" Round Siren/Metal Bracket	2 Tone Yelp	15	115db	Weather Proof White ABS	1	\$14.38
6252-SU	C	5"X 8" Siren with Plastic Bracket	2 Tone Yelp	30	120db	Weather Proof White ABS	2	\$28.75
6253-SU	D	1-5/8" Piezo Siren with Metal Bracket	Hi F. Chirp	2	110db	Black ABS	.4	\$11.25
6254-SU	E	2" Piezo Siren with Metal Bracket	Hi-Lo Tone	4	115db	Black ABS	.4	\$12.38
6255-SU	F	3-5/8" Siren with Metal Bracket	Warble	4	120db	Black ABS	.4	\$21.25
6256-SU	G	4" Heavy Duty Siren with Metal Bracket	Sweep	40	120db	Weather Proof Black ABS	.4	\$28.75
6257-SU	H	6-1/4" X 5" X 1-1/2" Flush Mount	2 tone yelp/SS	3	110db	White ABS	2	\$19.88



5" HEAVY DUTY SCREENED

Magnet Wt.: 10oz.
Voice Coil: 1" aluminum
Frequency Range: 800Hz-10KHz
Power: 50 Watts peak
Sensitivity: 89dB 1W/M
Closed back with deluxe mesh grill
Dia: 5"

WT: 2

MID-RANGE

Clear quality sound reproduction in OEM applications. High output level & low distortion. 8 ohms impedance

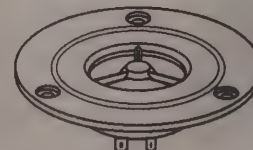


10-1/2" X 4" ALUMINUM HORN

Magnet Wt.: 10oz. ceramic
Voice Coil: 1" aluminum
Frequency Range: 500Hz-11KHz
Power: 30 Watts RMS 50W peak
Sensitivity: 104dB 1W/M
Cast Aluminum Radiator Horn
W: 10-1/2" H: 4"

WT: 4

THIN PIEZO TWEETER



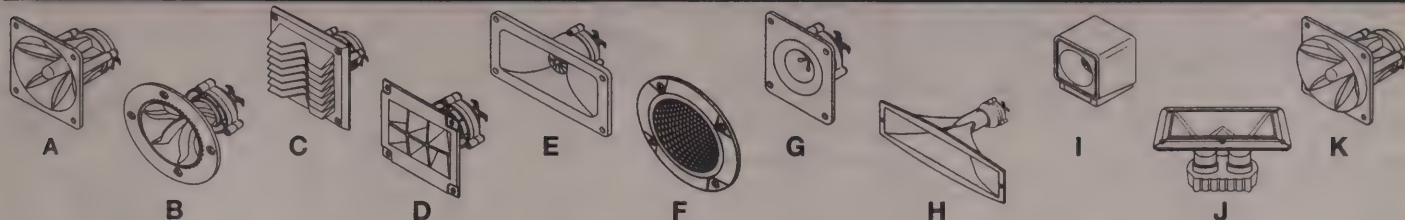
Mini piezo tweeter made for a US maker of home entertainment equipment. Matte black plastic mounting frame and mylar radiator. Only 2.9" in Dia X .625" thick (+terminals). 75W max 12-35V RMS. 5K-19KHz. Two Solderable quick connect terminals (one .10" and one .20")

Dia: 2.9" T: .625"

WT: .04

STOCK #	DESCRIPTION	PRICE	STOCK #	DESCRIPTION	PRICE	STOCK #	DESCRIPTION	PRICE
6211-SP	5" Mid Range Speaker	\$9.58	6212-SP	Mid Range Horn	\$29.88	7139-SP	Thin Piezo Tweeter	\$4.95

SPEAKERS



PIEZO TWEETERS

Do not require a crossover. Impedance 1K @ 1KHz & over 20 ohms @ 40KHz. Rated 75 Watts, 12-35V RMS unless noted otherwise

STOCK #	FIG.	DESCRIPTION	FREQ. RANGE	SENS.	CASE	WT.	PRICE
6220-SP	A	3-1/2" Square Flush Mount	4K-27K Hz	94db	Black Plastic	.2	\$4.15
6860-SP	A	3-1/2" Square Flush Mount	4K-40K Hz	-	Black Plastic	.2	\$4.25
6221-SP	B	4" Round Flush Mount	4K-27K Hz	90db	Black Plastic	.2	\$4.54
6222-SP	C	4-3/4" Square Wide Dispersion Flush Mount	4K-23K Hz	93db	Black Plastic	.3	\$6.75
6223-SP	D	3-3/4" X 3-1/2" Flush Mount Celled Horn	4K-25K Hz	92db	Black Plastic	.5	\$5.75
6224-SP	E	2-5/8" X 5-5/8" Flush Mount Horn	3K-30K Hz	90db	Black Plastic	1	\$5.99
6231-SP	E	7-3/8" X 3-1/4" Flush Mount Horn	2K-25K Hz	90db	Black Plastic	1	\$6.95
6225-SP	F	3-3/4" Surface Mount with Grill	3K-40K Hz	90db	Black Plastic	.06	\$3.66
6226-SP	G	3-1/2" Square Flush Mount Dome Radiator	4K-27K Hz	87db	Black Plastic	.2	\$4.50
6227-SP	H	15" X 4-1/2" Horn	4K-27K Hz	89db	Black Plastic	.7	\$11.54
6232-SP	I	Satellite Tweeter	4K-27K Hz	92db	Black Plastic	.5	\$7.99
6229-SP	J	6-3/8" X 3-3/4" Dual Horn	3K-30K Hz	100W Output	Black Plastic	1	\$13.99
6219-SP	K	3-1/2" Square Recessed Mount	4K-40K Hz	90db	Black Plastic	.4	\$4.15



A



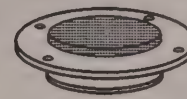
B



C



D



E

MAGNETIC TWEETERS

For 4 or 8 Ohm systems, Crossover Cap not supplied unless otherwise noted

* When use with supplied Capacitor

STOCK #	FIG.	DESCRIPTION	MAG.	FREQ. RANGE	SENS.	POWER WATT	CASE	WT.	PRICE
6235-SP	A	3" Bullet Tweeter Flush Mount	10oz.	4K-19K Hz	100db	-	Black Plastic	1	\$7.95
6280-SP	-	Replacement Diaphragm for 6235-SP	-	-	-	-	-	.2	\$3.95
6233-SP	B	3" Super Bullet Tweeter Recessed Mount	14oz.	1.3K-20K Hz	103db	35 nom 150*	Black Plastic	1	\$38.50
6279-SP	-	Replacement Diaphragm for 6233-SP	-	-	-	-	-	.2	\$12.95
6237-SP	C	3" Bullet Flush Mount Horn	10oz.	900-18K Hz	99db	65 nom 150*	Black Plastic	2	\$19.00
6281-SP	-	Replacement Diaphragm for 6237-SP	-	-	-	-	-	.2	\$12.95
6236-SP	D	5-1/4" X 2-1/2" Horn	5oz.	3K-19K Hz	102db	70 peak	Black Plastic	2	\$16.89
6234-SP	E	5" Titanium Dome	11oz.	5K-20K Hz	92db	50 nom	Black Plastic	1	\$11.50



A



B



C



D



E



F

WOOFERS

Feature clear quality sound reproduction in OEM applications. High output level and low distortion. Impedance is 8 ohms, for use in 4, 8 or 16 ohm systems.

STOCK #	FIG.	DESCRIPTION	MAG.	FREQ. RANGE	SENS.	POWER WATT	RES. FREQ.	WT.	PRICE
6201-SP	A	6" Air Suspension	20oz.	45-5.5K Hz	90db	80 peak	55 Hz	3	\$12.95
6207-SP	B	6-1/2" Polypropylene/Ceramic Magnet	20oz.	45-10K Hz	90db	50rms 80 peak	55 Hz	2	\$16.90
6202-SP	C	8" Air Suspension	20oz.	30-4K Hz	91db	60 peak	36 Hz	3	\$10.95
6208-SP	D	8" Polypropylene/Ceramic Magnet	20oz.	40-8K Hz	90db	50rms 100 peak	45 Hz	4	\$21.15
6203-SP	E	10" Air Suspension	20oz.	32-5K Hz	89db	90 peak	35 Hz	3	\$19.95
6204-SP	C	10" Polypropylene	20oz.	28-4K Hz	89db	100 peak	30 Hz	3	\$20.50
8753-SP	D	12" Sq. Mtg. Foam Edge Paper	20oz.	25-5K Hz	90db	75rms 125 peak	30 Hz	5	\$31.50
6205-SP	F	12" Air Suspension	20oz.	26-5K Hz	89db	100 peak	30 Hz	5	\$26.95
6206-SP	F	12" Polypropylene	20oz.	25-4K Hz	89db	100 peak	30 Hz	5	\$27.95

SPEAKERS



COAXIAL CEILING SPEAKERS

Clear Pro quality sound reproduction in OEM applications. High output level. 8 ohms impedance

8" WITH 10 OZ. MAG.

Tweeter: : 3" Dynamic/crossover
Magnet Wt.: 10oz. ceramic
Voice Coil: 1" aluminum
Frequency Range: 50Hz-18KHz
Power: 20 Watts peak
High compliance edge

WT: 3

STOCK #	DESCRIPTION	PRICE
6213-SP	8" Coaxial Speaker	\$19.95

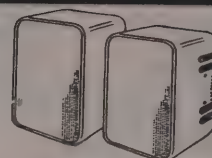


8" WITH 20 OZ. MAG.

Tweeter: : 3" Dynamic/crossover
Magnet Wt.: 20oz. ceramic
Voice Coil: 1" aluminum
Frequency Range: 50Hz-20KHz
Power: 35 Watts peak
High compliance edge

WT: 4

STOCK #	DESCRIPTION	PRICE
6214-SP	8" Coaxial Speaker	\$24.95



STEREO SPEAKERS

Pair of stand alone, 2 way Bass reflex ported stereo speakers with shielded magnets. Impedance: 4-8 ohms. Audio Power: 2 X 60 Watts RMS. Freq. Response: 30-22,000Hz. 5-1/4" coated woofer & soft dome tweeter. Plastic cases with mounting brackets
H: 10" W: 6-1/4" D: 5-3/4" WT: 15.2

STOCK #	DESCRIPTION	PRICE
7478-SP	Stereo Speakers	\$119.95

AMPLIFIED MINI SPEAKERS

Amplified, enclosed speakers
Contains: 1-1/2" tweeter & 3" Woofer

Impedance: 8 ohms
Frequency Range: 50-15KHz
Audio Power: 2 X 2.5W (5W)
Treble Boost Switch, Separate Volume controls
Power: 4 "C" cells or 6VDC- 800mA adaptor (neither supplied) 3ft. cord with 3.5mm stereo plug
W: 3-1/4" H: 7-1/2" D: 4-1/4" WT: 2

STOCK #	DESCRIPTION	PRICE
7382-SP	Amplified Mini Speakers	\$18.95

AMPLIFIED MINI SPEAKERS

Amplified, enclosed speakers
Impedance: 4-8 ohms
Frequency Range: 50-15KHz
Audio Power: 2 X 3.5W (7W)
Treble Boost Switch, Separate Volume controls
Power required: 4 "C" cells or 6VDC-700mA adaptor (neither supplied). 3ft. cord with 3.5mm stereo plug
W: 3-1/2" H: 4-3/4" D: 3-1/2" WT: 2

STOCK #	DESCRIPTION	PRICE
6886-SP	Amplified Mini Speakers	\$18.75

3" MINI SPEAKERS

Non-amplified enclosed speakers
Impedance: 4-8 ohms
Frequency Range: 100-15KHz
Power: 2 Watts RMS 3 Peak
3ft. cord with 3.5mm stereo plug
W: 4" H: 4-1/2" D: 3" WT: 1

STOCK #	DESCRIPTION	PRICE
6216-SP	3" Mini Speakers	\$4.99

STEREO SPEAKERS

LABTEC CS-150 stand alone, computer stereo speakers with shielded magnets. Impedance: 4-8 ohms. Audio Power: 2 X 1.5 Watts RMS. Operates from 4 "C" cells or 6 V 300mA plug supply (Not Supplied). Individual power, Volume, Base Boost & Treble controls. Off white plastic cases with metal screen.
H: 5" W: 3-3/8" D: 4-3/4" WT: 1.84

STOCK #	DESCRIPTION	PRICE
7533-SP	Computer Speakers	\$9.95

2-1/4" SPEAKER

Mini speaker with ALNICO magnet, and paper cone. Speaker back is open. General purpose use. 4" wire leads with .10" header socket. Rated 8 ohm, .25 Watt.
Dia: 2-1/4" WT: .1

STOCK #	DESCRIPTION	PRICE
8288-SP	2-1/4" Mini Speaker	\$0.75

2" SPEAKER

Mini speaker with Ferrite magnet, and paper cone. Speaker back is open. General purpose use. Solder terminals. Rated 8 ohm, .25 Watt.
Dia: 2" WT: .12

STOCK #	DESCRIPTION	PRICE
7050-SP	2" Mini Speaker	\$1.50

PERSONAL SPEAKER

Aluminum cased, Mini 8 ohm, mylar speaker with adjustable mounting bracket. 5ft. cord with 1/8" phone plug on end. For use as an external speaker with pocket tape players etc.

W: 4" H: 3" T: 2-1/4" WT: .65

STOCK #	DESCRIPTION	PRICE
4659-SP	Personal Speaker	\$8.95



BAZOOKA SPEAKER

Plastic tube type case enclosing a 3" mini speaker. Speaker has Ferrite magnet, & a paper cone with foam edge. Rated 6 ohm, 20 Watts. Polyester packing inside. Used to provide full range sound in a small form factor. 24in wire leads
L: 8-1/2" W: 3-3/4" T: 3-1/2" WT: 1.41

STOCK #	DESCRIPTION	PRICE
7361-SP	3" Tube Speaker	\$4.95

MICRO THIN SPEAKER

Fuji mini speaker is 1-9/16" square but only 1/8" thick. Rated 8 ohm, .4 Watt. Metal diaphragm with ferrite magnet. Used in pocket tape/CD players. Not waterproof.

L: 1-9/16" W: 1-9/16" D: 1/8" WT: .02

STOCK #	DESCRIPTION	PRICE
6567-SP	Micro Thin Speaker	\$1.25

3" SQUARE SPEAKER

Intervox 3" mini speaker with enclosed magnet, & paper cone. Rated 25 ohm, 1 Watt. Square mounting flange. Solderable terminals.

L: 3" W: 3" D: 1" WT: .22

STOCK #	DESCRIPTION	PRICE
7344-SP	25 Ohm, 3" Speaker	\$1.95

3/4" MYLAR SPEAKER

MCI P/N M025, 3/4" dia. micro speaker with mylar cone, metal frame and Samarium Cobalt magnet. Rated 8 ohm, .1 Watt. 1.25" wire leads terminated with micro header connector
Dia: 3/4" T: 1/8" WT: .005

STOCK #	DESCRIPTION	PRICE
7422-SP	3/4" Mylar Speaker	\$1.70

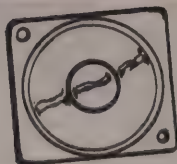
VOICE ACTIVATED MICROPHONE/SWITCH

Desk top/hand held mike makes any recorder with remote mike & control jacks, a voice activated recorder. Sensitivity adjustment to set start level. Delay of 3-5 second on turn off allows for pauses in conversation. Ivory color with matching desk stand. 3ft cord with 3.5mm & 2.5mm phone plugs.
Tall: 6" WT: .43

STOCK #	DESCRIPTION	PRICE
7912-MK	VOX Mike	\$3.95

ALARMS/BUZZERS

THIN SPEAKER

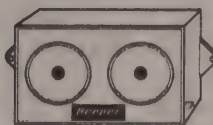


Mini speaker rated 8 ohm, .4 Watt. Only 1-9/16" square by 3/16" thick. Metal diaphragm with ferrite magnet. Used in pocket tape/CD players. Not waterproof.

L: 1-9/16" W: 1-9/16" D: 3/16" WT: .02

STOCK #	DESCRIPTION	PRICE
8047-SP	Thin Speaker	\$0.99

PIEZO ALARM UNIT



Sound-Bomb-1, dual piezo alarm unit, rated 6-12 VDC @ 120mA, 100dB sound pressure level at 12 VDC. Dual tone (hi-lo), white plastic case with mounting ears. Use in alarms etc.

L: 4-1/4" W: 2-3/16" D: 1-1/4" WT: .22

STOCK #	DESCRIPTION	PRICE
3910-SU	Sound Bomb	\$7.95

PIEZO ALARM

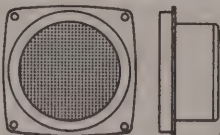


MuRata PKM29-2A0 Piezo alarm. Contains No Electronics. Produces 85dB @ 9VAC (3.4KHz) 4.5-18 VAC rang. Self Driven element with feedback electrode. Plastic case, 1.5" Dia X 1" including terminals, P.C. mount

Dia: 1-1/2" D: 1" WT: .03

STOCK #	DESCRIPTION	PRICE
5080-SU	MuRata Piezo Alarm	\$1.50

12 V SIREN



Self contained "Woop-Woop" electronic siren operates on 6-12 VDC. Produces loud (70+dB) to wake up the neighbors etc. Black steel case with perforated aluminum grill. NOT waterproof. Solder terminals. Ideal for home or auto security.

L: 3" W: 3" D: 1-1/4" WT: .34

STOCK #	DESCRIPTION	PRICE
8559-SU	12 V Siren	\$3.95

6-18V PIEZO BUZZER



Self contained audio annunciator operates 6-18VDC, 1"dia + .20" ears X .500" thick with 2" leads.

WT: .009

STOCK #	DESCRIPTION	PRICE
5067-SU	Piezo Buzzer	\$1.25

AUDIO ANNUNCIATOR

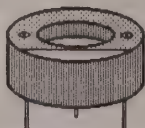


Mini electronic annunciator operates on 12 VDC @ 30mA max. 60db output tone. Plastic case with 2 pins. Sealed for wave soldering

Dia: 15/32" H: 3/8" WT: .005

STOCK #	DESCRIPTION	PRICE
7228-SU	Mini Audio Annunciator	\$0.50

P.C. SONALERT



SMB-2 Sonalert rated 1-4 VDC@2-14mA, output 65dB at 2900Hz, ideal for alarms, control panels, any attention getting displays.

WT: .2

STOCK #	DESCRIPTION	PRICE
2009-SU	P.C. Sonalert	\$4.25

AUDIO ANNUNCIATOR

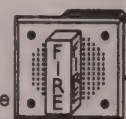


Star CMB-24 electronic annunciator operates on 24 VDC @ 16mA max. 70db output. Gray plastic case and 4 pins for mounting IC socket mounting.

L: 7/8" W: 5/8" H: 9/16" WT: .02

STOCK #	DESCRIPTION	PRICE
5816-SU	Star Audio Annunciator	\$1.50

FIRE ALARM

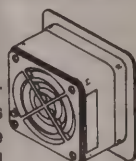


WheelockCH-DF1-WS-24, Remote Signaling Device. Contains Audable & Xeon flash. Produces 83dB @ 10ft. "Ping" Tone (1/Sec)& 1.5cd (12,000 candle power) flash. Sound & Strobe can be used separately. Requires 24 VDC @ 500mA (peak inrush). Fits in a 4"Sq. X 3-5/8" electrical box. Red color, UL listed

WT: 2.1

STOCK #	DESCRIPTION	PRICE
6914-MI	Wheelock Fire Alarm	\$39.95

ALARM SPEAKER



Federal Model SPA, Series A2, Remote Signaling speaker. Contains paper cone speaker and 70V line matching transformer. Can be used as PA speaker or siren when driven by siren driver.Produces 84-87dB @ 10ft. Adj. Sound 1/4, 1/2, 1, 2 Watt output, .4-4KHz response. Fits on a 4"Sq. X 3-5/8" electrical box. Red color, UL listed.

WT: 1.6

STOCK #	DESCRIPTION	PRICE
8260-SU	Federal Alarm Speaker	\$12.95

FIRE ALARM HORN & STROBE



FireSystems 450D vibratory horn with "FIRE" Strobe light. 24VDC (18-31V) powered. Horn Rated 87dB @ 10ft. 1PPS strobe. UL listed Remote Signaling Devices for fire systems.

Sq: 4" D: 4" WT: 1.9

STOCK #	DESCRIPTION	PRICE
8294-MI	24V DC Fire Horn/Strobe	\$39.95

PIEZO ALARM

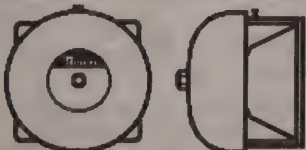


2000X Piezo alarm. Contains No Electronics. Produces >85dB @ 9VAC (3K-4KHz) 4.5-18 VAC range. 1-3/8" Dia. element with feedback electrode. Plastic case, 1.75" Dia X 1" including terminals, P.C. mount. UL listed.

Dia: 1-3/8" D: 1" WT: .03

STOCK #	DESCRIPTION	PRICE
6383-SU	Piezo Alarm	\$0.50

6VDC ALARM BELL



Edwards #561 Adaptable. Rated 6VDC @ .45A. Mount direct on wall, or almost on any electrical box. Metal construction with 6" Diameter bell. Painted grey. UL listed

L: 7" W: 7" H: 4" WT: 7

STOCK #	DESCRIPTION	PRICE
7226-SU	Edwards Bell	\$18.95

ELECTRONIC ALARM

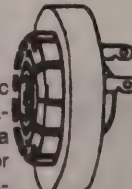


Electronic alarm operates on 6-18 VDC. Measures 1-5/8" dia & produces a 2900Hz tone. Use as pre-alarm for burglar alarms, or in paging systems, smoke & fire detectors, metal detectors, etc. Tab terminals.

WT: .3

STOCK #	DESCRIPTION	PRICE
0188-SU	Electronic Alarm	\$4.95

SNAP-IN ELECTRONIC ALARM



Intervox BPR4222T-24-C Electronic alarm operates on 1-26 VDC. Measures 1-5/8" dia & produces a continuous tone. Use as pre-alarm for burglar alarms, or in paging systems, smoke & fire detectors, metal detectors, etc. Solder terminals. Fits 1-1/8" hole in 1/8" Panel.

Dia: 1-5/8" D: 13/16" WT: .027

STOCK #	DESCRIPTION	PRICE
7761-SU	Snap-in Electronic Alarm	\$3.95

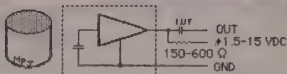
FET

ELECTRET MIKE

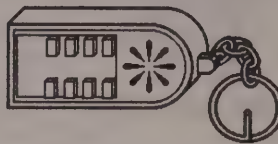
National omni directional electret mikes with FET amp. 20-16KHz. bandwidth. 10V DC max supply.

A	Dia: .39"	H: .29"	WT: .002
B	Dia: .38"	H: .2"	WT: .002
C	Dia: .22"	H: .125"	WT: .001

STOCK #	DESCRIPTION	PRICE
4067-MK A	WM034 60db Mike	\$0.75
7425-MK B	WM52BH 42db Mike	\$0.79
7427-MK C	WM-62BT102 52db Mike	\$0.89



SOUND EFFECT KEYCHAIN

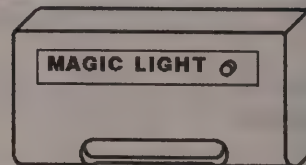


Produces 8 sound effects like laser rifle, bomb dropping, Alarms etc. Uses 3 watch cell (supplied). For kids of all ages.

L: 3" W: 1-1/4" D: 9/16" WT: .1

STOCK #	DESCRIPTION	PRICE
7451-MI	Keychain Effects	\$2.50

POCKET "BLACK LIGHT"



Pocket sized "Black Light" used to detect fluorescent inks, paints etc. Unit runs off 2 "AA" cells. With belt clip & Push button switch for convenience in use.

L: 3-1/8" W: 1-3/4" T: 1" WT: .1

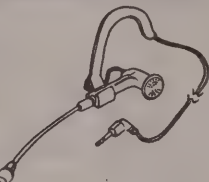
STOCK #	DESCRIPTION	PRICE
7231-MI	Pocket "Black Light"	\$3.95

HEADPHONE & MIKE

Small and light weight communication headset for cell phone etc. Dynamic earpiece with FET mike on end of mouthpiece. Ideal for hands free operation. 4ft cord with 1/8" stereo phone plug.

WT: .05

STOCK #	DESCRIPTION	PRICE
8290-MK	Communication Headset	\$4.95

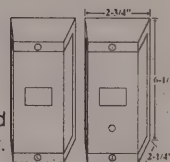


INFRARED INTRUSION DETECTOR

ADT B7187-123 & 124 Infra-red Transmitter and receiver pair. Operate on 8-15V DC. Pulse modulated to prevent false tripping. Comes with mounting hardware, ICD Power/Output header connectors, corner reflector. No Data except Pin out

WT: 2.4

STOCK #	DESCRIPTION	PRICE
4756-MI	PIR Intrusion Detector	\$35.00

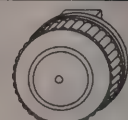


FLASHING SAFETY LIGHT

Clip on personal safety light. Uses 2 "AA" cells (not supplied) to power a rotating sequence of 6 Ultra Brite Red LEDs. Push button control switch. Water resistant for all season use. Red reflective lens for high visibility even from the side. Ideal for hikers, skaters, joggers etc.

Dia: 2-7/8" D: 2" WT: .24

STOCK #	DESCRIPTION	PRICE
7033-MI	Safety Flasher	\$9.95



COMPUTER/MULTIMEDIA MICROPHONE

Media Vision electret microphone. 7ft. cord with 1/8 phone plug. Used as input to computer sound cards, or presentation systems. Clip on back to attach to your collar or pocket. Comes with drop-in mounting bracket with double side tape to adhere to your monitor.

L: 1-1/2" W: 13/16" D: 1/2" WT: .05

STOCK #	DESCRIPTION	PRICE
7659-MK	Media Microphone	\$2.95

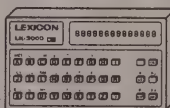


TRANSLATOR?

Lexicon LK-3000 hand held?? We're not sure what it is (or was). Unit uses a plug in cartridge that held most of the "Brains". Slope front plastic case contains a Chromerics alpha/numeric keyboard, 4 pcs DL1414 four digit, alpha/numeric displays. & 4 "AA" Cells and a couple of other misc. parts. Great project box. Sold for parts only!

L: 6-1/8" W: 3-3/4" D: 1-1/4" WT: .55

STOCK #	DESCRIPTION	PRICE
7031-MI	Lexicon Unit	\$7.95

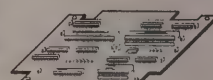


PROCESS COMPUTER

Medical industry board with 80C35 CMOS CPU, 2732 eeprom, 5101 256 X 4 ram, 1854 uart, cmos & ttl "glue" chips. Gold plated 50 pin (dual 25) .1" PC fingers. CPU and eeprom are socketed. Reprogram the eeprom for your own system. With Schematic!

L: 5.25" W: 4.3" H: .4" WT: .8

STOCK #	DESCRIPTION	PRICE
0482-BD	Process Computer	\$9.95



25 KHZ ULTRASONIC TRANSDUCERS

Projects Unlimited SQ-25-T/R-18, 25KHz ultrasonic transducers. Max transmitter input= 20VRMS. Sound pressure level= 110dB @10 VRMS. Receiver sens. =-65dB. Only .71"dia X .6" tall. Sold in pairs: 1 transmit & 1 receive.

Dia: .71" H: .6" WT: .01

STOCK #	DESCRIPTION	PRICE
4629-UT	Ultrasonic Transducer Pair	\$4.95

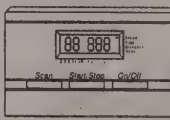


EXERCISE COMPUTER

"Computer" mounted on exercise equipment; a switch connected to the sensor input & pulsed causes a readout of Speed, Distance & Kcal/Min. 3/8"ht. LCD display shows: Kcal/Min on Bargraph, elapsed time in (up to 99 min 59 sec), Speed, Distance. Scan mode steps through all display modes. Requires 2 type 357 coin cells, & sensor switch (not supplied)

L: 4" W: 3" D: 1-1/8" WT: .24

STOCK #	DESCRIPTION	PRICE
5762-MI	Exercise Computer	\$4.95



MOTOR CONTROL BOARD

Custom unit controls speed & run time of motor or lamp. Select 10, 20, 40 min on time; lo, med, high, power. When AC is applied AND selection of any time period; unit supplies hi power for time selected, When AC is applied AND any power is selected unit supplies selected power for 20 Min. Off overrides all commands. 120V @ 4A, 300W AC max. Switches not supplied. Data

WT: .05

STOCK #	DESCRIPTION	PRICE ea
4571-MI	Motor Control Board	\$2.49 \$1.49



ULTRASONIC TRANSDUCERS

Panasonic EFR series 40KHz ultrasonic transducers. Max transmitter input= 20VRMS. Sound pressure level= 110dB @20 VRMS. Receiver sens. =-45dB. Transmitter is .5" dia. X .375, Receiver is .625"dia X .5" tall. Sold in pairs: 1 transmit & 1 receive, PC board pins

WT: .007

STOCK #	DESCRIPTION	PRICE
4726-UT	Ultrasonic Transducer Pair	\$3.95



VIDEO MODULATOR

Astec, #UM1291-1 video monitor used in computers, games etc. Output switchable between ch. 3 or 4. Uses 1889 IC chip. With Data.

L: 4" W: 2" H: 1-1/4" WT: .3

STOCK #	DESCRIPTION	PRICE
5362-MI	Video Modulator	\$3.50

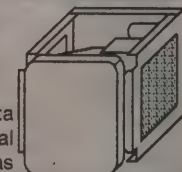


5" DIGITAL MONITOR

Kristel 5" Green screen Data monitor. Designed for special application where the Yoke has been rotated 90° essentially exchanging the Horiz & Vert. deflection. 12VDC @ 18W powered, 2.4V TTL input level with external horiz, & vert. sync. Resolution 750 lines @ center, 25KHz bandwidth.

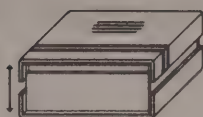
W: 4.68" H: 4.6" D: 8.61" WT: 3.3

STOCK #	DESCRIPTION	PRICE
7175-MI	TTL 5" Monitor	\$29.95



CHASSIS/CABINETS

PLASTIC PROJECT CABINET

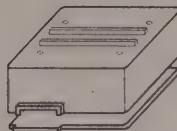


Quality off white plastic cabinet. Multiple mounting posts and slots inside. Grill in top for 2-1/2" speaker etc. Natural aluminum front & rear panels. Ideal for small amps, power supplies or test equipment etc.

W: 6-1/4" D: 6-5/8" H: 2-1/8" WT: .62

STOCK #	DESCRIPTION	PRICE
6699-BX	Plastic Cabinet	\$8.95

PLASTIC "BLACK" BOX

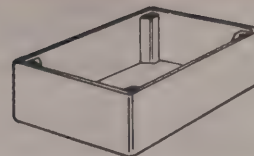


Black plastic box with 1" X 1/8" slot with lip in one end for a ribbon cable. Four mounting holes in back and in lid. Ideal for small amps, power supplies etc, sorry no screws for lid.

L: 5-1/4" W: 3-1/4" H: 1-3/8" WT: .4

STOCK #	DESCRIPTION	PRICE
0775-BX	"Black" Box	\$3.00

BLACK PROJECT BOX

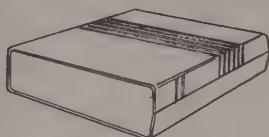


Black molded phenolic open top box. 4 corner posts support a top (not included). 3-3/4" X 2-5/8" opening for top.

L: 4" W: 2-7/8" H: 1-5/8" WT: .18

STOCK #	DESCRIPTION	PRICE
8769-BX	Black Phenolic Box	\$2.50

PLASTIC PROJECT CABINET



Quality light gray plastic cabinet. Multiple mounting posts and slots inside. Grill in top for 2-1/2" speaker etc. Natural aluminum front & rear panels. Ideal for small amps, power supplies or test equipment etc.

W: 6-1/4" D: 6-5/8" H: 2-1/8" WT: .62

STOCK #	DESCRIPTION	PRICE
8791-BX	Gray Plastic Cabinet	\$8.95

METAL PROJECT BOX



Metal box designed to hold data equipment. Natural aluminum front, rear & sides. Gray top & bottom. Holes in back for 2 DB-9, 1 DB-15 & 1 DB-25 connectors as well several other odd holes.

W: 14" D: 8-3/8" H: 1-5/8" WT: 3.2

STOCK #	DESCRIPTION	PRICE
6406-BX	Metal Project Box	\$9.95

C/D CASE

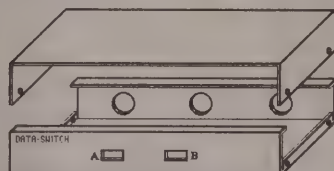


Exact replacement plastic case for all standard C/D's. Replace all those broken cases or if you're like us you bought a multi C/D deal and they didn't come with cases. Nows your chance to acquire the case.

L: 5-5/8" W: 4-7/8" T: 3/8" WT: .16

STOCK #	DESCRIPTION	PRICE
7477-MI	Compact Disc Case	\$0.95

METAL PROJECT BOX

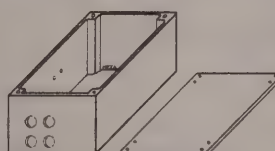


Used, Metal clam shell box designed to hold a data switch. Three .750" Dia. holes in back and two .325" X .60" cutouts in front.

W: 8-7/8" D: 4-3/8" T: 1-1/4" WT: 1

STOCK #	DESCRIPTION	PRICE
5164-BX	Metal Project Box	\$4.95

CAST ALUMINUM BOX



Used cast Aluminum box with lid. measures 5-7/8" X 2-3/8" X 1-1/2" Has with four 1/4" holes in one end and two 1/8" holes in one side. Lid has four corner holes for attaching to box.

L: 5-7/8" W: 2-3/8" H: 1-1/2" WT: .45

STOCK #	DESCRIPTION	PRICE
5118-BX	Cast Aluminum Box	\$5.95

ANTI-STATIC CARRY CASES



Used black anti-static plastic case with snap for grounding strap/cable, Plastic hinge & 2 snap latches.

Small 12-1/4" X 8-1/2" X 2-1/8" inside dimn. Large 19" X 11-1/4" X 2-1/8" inside dimn.

L: 13-1/2" W: 10-1/4" T: 3-1/2" WT: 2.4

L: 20" W: 12-1/2" T: 2" WT: 4.3

STOCK #	DESCRIPTION	PRICE
7553-MI	Small Anti-Static Case	\$8.95
8757-MI	Large Anti-Static Case	\$10.95

METAL PROJECT BOX

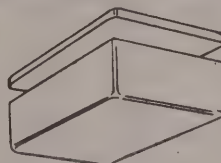


Ventilated steel clam shell box with light gray bottom and dark gray top. Three 1/2" X 15/16" Holes & one 9/32" dia hole in 1 end; a 7/16" dia hole in the other.

L: 4" W: 4" H: 2" WT: .3

STOCK #	DESCRIPTION	PRICE
7464-BX	Metal Project Box	\$3.50

DRAWN STEEL BOX

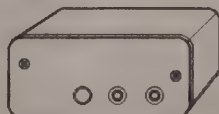


Deep drawn steel box with lid. Ideal for amps, converters, splitters etc. Lid is an inside fit and is designed to be soldered or spot welded in place but filling with potting would work as well.

L: 3-3/16" W: 2-3/8" H: 1-1/4" WT: .21

STOCK #	DESCRIPTION	PRICE
8366-BX	Drawn Steel Box	\$0.99

SLOPED PLASTIC CASE

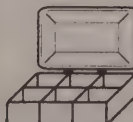


Sloped, black plastic small instrument case. Snap-in front panel has a 7/16" hole & 2 9/32" holes. 4-3/8" wide X 2-3/8" deep X 1-3/4" tall @ the back and 1-7/8" @ the front.

W: 4-3/8" D: 2-3/8" WT: .17

STOCK #	DESCRIPTION	PRICE
5347-BX	Sloped Plastic Case	\$1.25

MINI PARTS BOX



Semi transparent, flexible plastic box with 6 compartments measure 1-3/8" wide X 1-1/4" long X 1" deep. For screws, fish hooks, LED's, Transistors, Resistors etc.

L: 4-1/8" W: 3-1/4" T: 1-1/4" WT: .12

STOCK #	DESCRIPTION	PRICE
6477-BX	Mini Parts Box	\$1.50

PLASTIC PARTS BOXES

Semi transparent, flexible plastic boxes with multiple compartments. For screws, fish hooks, LED's, Transistors, Resistors etc. 6-1/8" L X 3-1/2" W X 1-1/8" D overall.

Type A: 12 compartments

All measure 7/8" wide X 1-3/8" long X 7/8" deep.

Type B: 10 total compartments.

2 measure 7/8" wide X 2-3/4" long X 1" deep

8 measure 7/8" W X 1-3/8" L X 1" D

L: 6-1/8" W: 3-1/2" H: 7/8" WT: .17

STOCK #	TYPE	DESCRIPTION	PRICE
6479-BX	A	12 Comp. Parts Box	\$1.85
5994-BX	B	10 Comp. Parts Box	\$1.75

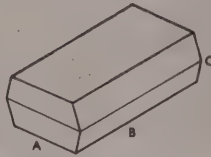
LMB CABINETS & CHASSIS

LMB PLASTIC CASES

UL 94 high-impact ABS

Inside Dimensions Shown
Internal Mounting Bosses & Vertical card Guides

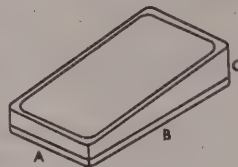
Available in Black, Gray & Almond



STOCK#			LNB P/N	SIZE			WT.	PRICE
Black	Gray	Almond		D	W	H		
8153-LM	8154-LM	8155-LM	400	2.25	3.60	.995	.1	\$4.49
5141-LM	8156-LM	8157-LM	401	2.25	3.60	1.50	.14	\$4.39
5142-LM	8158-LM	8159-LM	402	3.25	4.38	1.50	.20	\$5.87
5143-LM	8160-LM	8161-LM	404	4.87	6.87	1.50	.41	\$7.79
8162-LM	8163-LM	8164-LM	405	2.25	3.60	2.00	.2	\$4.46
5144-LM	8165-LM	8166-LM	406	3.25	4.38	2.00	.23	\$5.83
5145-LM	8167-LM	8168-LM	408	4.87	6.87	2.00	.46	\$9.69
5146-LM	8169-LM	8170-LM	410	3.25	4.38	2.50	.26	\$6.64
5147-LM	8171-LM	8172-LM	412	4.87	6.87	2.50	.50	\$10.19
5148-LM	8173-LM	8174-LM	413	6.34	9.50	1.50	.63	\$14.47
8175-LM	8176-LM	8177-LM	501	2.61	4.11	1.50	.2	\$4.85

LMB SLOPE FRONT PLASTIC CASES

UL 94 high-impact ABS
SCREW FASTENING
Black Finish
Outside Dimensions Shown

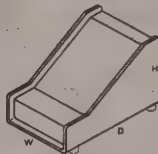


* With 9 Volt battery compartment

STOCK#	LNB P/N	SIZE			DISCRIPTION	WT.	PRICE
		A	B	C			
5152-LM	602	3.250	5.624	1.500	Sloped Case	.21	\$6.97
5153-LM*	603V	3.250	5.624	1.500	"	.23	\$8.84
5155-LM*	608	6.885	4.448	2.465	"	.44	\$11.48
5156-LM	609V	6.876	4.880	2.465	"	.44	\$12.96
5157-LM	610	6.995	4.890	1.865	"	.36	\$11.48

LMB 007 SERIES CABINETS

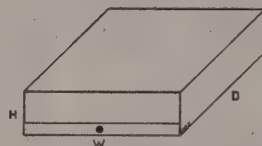
SCREW FASTENING
.05" Aluminum with Natural Aluminum Finish



STOCK#	COLOR	LNB P/N	SIZE			WT.	PRICE
			D	W	H		
5149-LM	Natural	007-446	6-1/4	4	4	.54	\$15.43
5150-LM	Natural	007-746	6-1/4	7	4	.82	\$19.50
5151-LM	Natural	007-1146	6-1/4	11	4	1.2	\$25.92

LMB SHIELDED CHASSIS

SCREW FASTENING
.05" Aluminum
Natural Aluminum or Gray Paint Finish



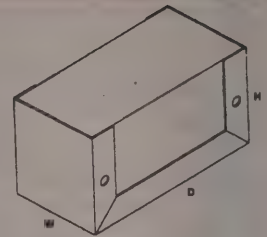
STOCK#	COLOR	LNB P/N	SIZE			WT.	PRICE
			D	W	H		
5138-LM	Natural	20	7-1/2	7	2	.80	\$11.42
8540-LM	Gray	20G	7-1/2	7	2	.80	\$14.51
5139-LM	Natural	21	13	10	3	2.0	\$29.26
8541-LM	Gray	21G	13	10	3	2.0	\$34.34
5140-LM	Natural	22	17	10	3	2.5	\$34.54
8542-LM	Gray	22G	17	10	3	2.5	\$41.27

LMB "TIGHT FIT" CASES

Industry Standard Aluminum Boxes
Replacements for Bud & Others

.040 Aluminum with punched & tapped holes

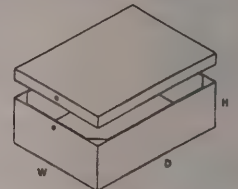
Available in Natural or Gray painted finish



STOCK#	COLOR	LNB P/N	SIZE			WT.	PRICE
			D	W	H		
8183-LM	Natural	TF-770	2-3/4	2-1/8	1-5/8	.1	\$3.06
8184-LM	Gray	TF-770G	2-3/4	2-1/8	1-5/8	.1	\$4.14
8185-LM	Natural	TF-777	4-1/4	2-1/4	1-1/2	.2	\$3.46
8186-LM	Gray	TF-777G	4-1/4	2-1/4	1-1/2	.2	\$4.87
8187-LM	Natural	TF-784	10	6	3-1/2	.9	\$12.69
8188-LM	Gray	TF-784G	10	6	3-1/2	.9	\$16.03
8189-LM	Natural	TF-786	12	2-1/2	2-1/4	.5	\$7.80
8190-LM	Gray	TF-786G	12	2-1/2	2-1/4	.5	\$9.90
8191-LM	Natural	TF-788	17	3-1/8	2-5/8	1.3	\$19.36
8192-LM	Gray	TF-788G	17	3-1/8	2-5/8	1.3	\$23.95

LMB CAP COVER CHASSIS

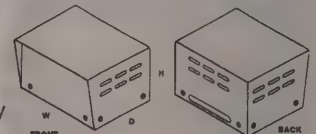
.04" thick 3003 H-14 Aluminum
17" Chassis are .050" thick
Strong Welded Corners
Screw Fastening Cover
Natural Bare Aluminum



STOCK#	COLOR	LNB P/N	SIZE			WT.	PRICE
			W	D	H		
8194-LM	Natural	572C	5	7	2	.5	\$12.88
8195-LM	Natural	7102C	7	10	2	.9	\$18.47
8196-LM	Natural	10123C	10	12	3	1.5	\$24.89
8197-LM	Natural	10173C	10	17	3	2.5	\$38.69
8198-LM	Natural	13173C	13	17	3	3.1	\$49.57
8199-LM	Natural	13174C	13	17	4	3.4	\$55.75

LMB UTILITY CABINET

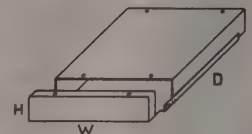
Vented Case
Removable bottom plate & top for easy access to chassis



STOCK#	LNB P/N	SIZE			WT.	PRICE
		D	W	H		
8202-LM	W-1A PLN	5-3/4	7-1/4	4-1/2	1.2	\$21.31
8203-LM	W-1B PLN	4	10	3-1/2	2.5	\$20.72
8204-LM	W-1C PLN	6-1/8	8-3/8	5	2.7	\$23.44

LMB SLIDE COVER CHASSIS

SCREW FASTENING
.05" Aluminum
Natural Aluminum or Gray Paint Finish



STOCK#	COLOR	LNB P/N	SIZE			WT.	PRICE
			D	W	H		
5135-LM	Natural	16	13	3-1/8	2-5/8	.83	\$18.31
8179-LM	Gray	16G	13	3-1/8	2-5/8	.83	\$22.66
5136-LM	Natural	17	13	4-1/8	2-5/8	1.0	\$19.28
8180-LM	Gray	17G	13	4-1/8	2-5/8	1.0	\$23.55
5137-LM	Natural	19	17	3-1/8	2-5/8	1.1	\$20.26
8181-LM	Gray	19G	17	3-1/8	2-5/8	1.1	\$25.27

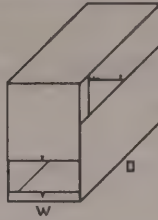
LMB CABINETS & RACKS

LMB INTERLOCKING CHASSIS BOXES

.05" thick Aluminum

Held together by 2 screws (included)

Natural Bare Aluminum
or Gray Paint finish



STOCK#		LNB P/N	SIZE D	SIZE			WT.	PRICE
Natural	Gray			W	H			
8098-LM	8099-LM	00Z	2-5/16	2-1/8	1-3/4	.1	\$3.14	
5121-LM	8100-LM	000	3-1/4	2-1/8	1-5/8	.15	\$4.27	
8101-LM	8102-LM	101	4-1/4	2-1/4	1-1/4	.2	\$4.43	
5122-LM	8103-LM	107	4	2-1/4	2-1/4	.23	\$5.43	
5123-LM	8104-LM	108	5	2-1/4	2-1/4	.27	\$6.19	
5124-LM	8105-LM	136	5-1/4	3	2-1/8	.32	\$7.16	
8106-LM	8107-LM	137	8	3	2-1/8	.6	\$10.40	
5125-LM	-	141	6	4	3	.54	\$8.52	
-	8108-LM	141	6	4	3	.7	\$11.06	
8109-LM	-	142	6	4	5	.7	10.97	
-	8110-LM	142	6	4	5	.7	13.43	
5126-LM	8111-LM	145	7	5	3	.70	\$13.82	
5127-LM	8112-LM	146	8	6	4-1/2	1.1	\$19.49	

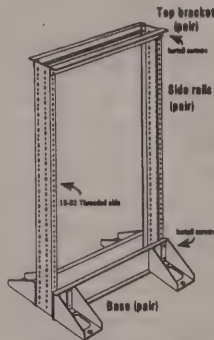
LMB RELAY RACKS

.125" thick 3003 H-14 Aluminum Rails
Drilled & Tapped 10-32, EIA std. spacing

Top & Side Rails available in
Natural Bare Aluminum or Black Powder Coat

16 AWG Black Powder Coat Steel Base

Shipped unassembled with hardware

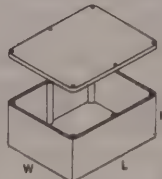


STOCK#	COLOR	LNB P/N	HEIGHT	DESCRIPTION	WT.	PRICE
8114-LM	Black	TBR-27	47-1/4	Relay Rack	20	\$102.95
8115-LM	Plain	TBR-27	47-1/4	Relay Rack	20	\$93.75
8116-LM	Black	TBR-35	61-1/4	Relay Rack	21	\$114.95
8117-LM	Plain	TBR-35	61-1/4	Relay Rack	21	\$103.95
8118-LM	Black	TBR-40	70	Relay Rack	22	\$122.95
8119-LM	Plain	TBR-40	70	Relay Rack	22	\$109.95
8120-LM	Black	TBR-45	84	Relay Rack	24	\$129.95
8121-LM	Plain	TBR-45	84	Relay Rack	24	\$117.95

LMB DIE CAST ALUMINUM BOXES

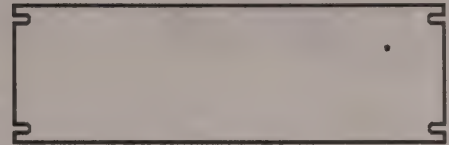
380 Aluminum alloy

Cover & 6-32 Screws included
Natural Bare Aluminum or Black Paint Finish



STOCK#	COLOR	LNB P/N KAB-	SIZE O/A			WT.	PRICE
			L	W	H		
8510-LM	Natural	3321	3-3/8	1-1/2	1-1/16	.2	\$5.63
8511-LM	Black	3321B	3-5/8	1-1/2	1-1/16	.2	\$7.25
8512-LM	Natural	3432	4-11/16	3-11/16	3-11/16	.6	\$6.35
8513-LM	Black	3432B	4-11/16	3-11/16	3-11/16	.6	\$8.39
8514-LM	Natural	3743	7-25/64	4-45/64	3-1/16	1.3	\$16.16
8515-LM	Black	3743B	7-25/64	4-45/64	3-1/16	1.3	\$19.08

LMB 19" RACK PANELS



.125" thick 3003 H-14 Aluminum
Notched for standard rails

Natural Bare Aluminum or Black Texture Coat

STOCK#	COLOR	LNB P/N	HEIGHT	DESCRIPTION	WT.	PRICE
8127-LM	Natural	175	1-3/4	19" Rack Panel	.4	\$6.75
8128-LM	Black	175	1-3/4	19" Rack Panel	.4	\$8.99
8129-LM	Natural	350	3-1/2	19" Rack Panel	.8	\$10.25
8130-LM	Black	350	3-1/2	19" Rack Panel	.8	\$12.25
8131-LM	Natural	525	5-1/4	19" Rack Panel	1.2	\$13.89
8132-LM	Black	525	5-1/4	19" Rack Panel	1.2	\$16.49
8133-LM	Natural	7	7	19" Rack Panel	1.6	\$17.39
8134-LM	Black	7	7	19" Rack Panel	1.6	\$20.25
8135-LM	Natural	1050	10-1/2	19" Rack Panel	2.4	\$23.99
8136-LM	Black	1050	10-1/2	19" Rack Panel	2.4	\$25.75
8137-LM	Gray	1050	10-1/2	19" Rack Panel	2.4	\$25.75

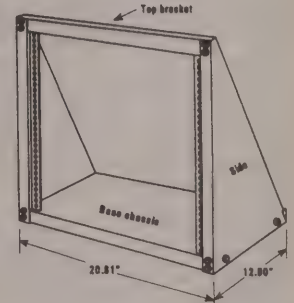
LMB BENCH TOP OPEN RACKS

.060" thick 3003 H-14 Aluminum Rails
Punched .281 Clearance holes,
EIA std. spacing

.060" thick 3003 H-14 Aluminum Base
12" Deep X 20.81" wide

Natural Bare Aluminum or Black Powder
Coat

Shipped unassembled with hardware
& 4 Bumpon Feet

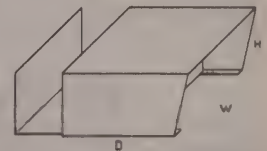


STOCK#	COLOR	LNB P/N	HEIGHT			WT.	PRICE
			PANEL	O/A			
8139-LM	Natural	DR14	18	18	Bench Rack	7	\$46.29
8140-LM	Black	DR14	18	18	Bench Rack	7	\$55.25
8141-LM	Natural	DR21	21	25	Bench Rack	8	\$54.99
8142-LM	Black	DR21	21	25	Bench Rack	8	\$63.99
8143-LM	Natural	DR28	28	32	Bench Rack	9	\$62.49
8144-LM	Black	RD28	28	32	Bench Rack	9	\$72.99

LMB "N" SERIES CABINETS

SCREW FASTENING Cover slides off

.05" Aluminum with Natural Bare Aluminum or
Gray Paint Finish



STOCK#	COLOR	LNB P/N	SIZE			WT.	PRICE
			D	W	H		
5158-LM	Natural	442N	4	4-1/2	2-5/8	.43	\$10.13
8123-LM	Gray	442N-G	4	4-1/2	2-5/8	.43	\$13.39
5159-LM	Natural	463N	4	6	3	.56	\$11.90
8124-LM	Gray	463N-G	4	6	3	.56	\$15.76
5160-LM	Natural	564N	5	6	4	.75	\$13.56
8125-LM	Gray	564N-G	5	6	4	.75	\$17.71

BLACK RUBBER FEET



Round, black rubber feet. 3/8" dia X 1/8" high. Peel the backing off and stick them where needed. Ideal for chassis feet, drawer stops, etc. Sold in sheets of 56 only!

Dia: 3/8" H: 1/8" WT: .07

STOCK #	DESCRIPTION	PRICE
8628-BU	56 Black Rubber feet	\$2.00

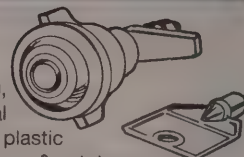


TY-RAPS

Natural color Nylon ties sold in packs of 100 & 1000

STOCK #	DESCRIPTION	PRICE	
		100+	1000+
0199-TY	4" Ty-wrap	\$1.10	\$9.00
0200-TY	5-1/2" Ty-wrap	\$1.70	\$15.00
4529-TY	7-1/2" Ty-wrap	\$2.80	\$20.00
4530-TY	11" Ty-wrap	\$5.00	\$39.00

CABINET LATCH



Southco E3-99-229-30, cabinet latch with metal body, bail & key and plastic backing nut. Key releases & rotates bail arm. Key is removable at any point. Mounts in 7/8" dual "D" hole. Panel thicknesses from 1/8 to 1/4". With 1 key. All keyed alike

NOT DESIGNED AS A LOCK ONLY A FANCY LATCH

Mounting Hole: 7/8" dual "D" WT: .3

STOCK #	DESCRIPTION	PRICE
8356-HD	Southco Cabinet Latch	\$4.49



CABINET SCREWS

Steel, 1/2" long Phillips head wood screw with antique brass finish.

WT: .5

STOCK #	DESCRIPTION	PRICE
1727-HD	Cabinet Screws	100/\$2.00



TY-RAPS

Heavy duty, natural color 14" Nylon with hole for mounting screw. Can be released to add more wires.

Sold in Packs of 50

Mounting Hole: 1/4"

L: 14" W: 5/16" T: 1/16" WT: .9

STOCK #	DESCRIPTION	PRICE
8748-TY	14" Ty-wrap/ Mtg. Hole	\$9.95

HIGH SECURITY LOCK



Medeco lock rotates 360deg.. Key removable in 1 position, mounts in 11/16" "D" hole. 3/16" wide slot in the back for a bail or switch. Comes with 2 nuts and 2 keys that can only be duplicated by Medeco dealers.

Mounting Hole: 11/16" "D" WT: .2

STOCK #	DESCRIPTION	PRICE
2003-HD	Medeco Lock	\$5.00



HOLE GROMMET

12" Nylon "catpillar" grommet. Cover the edges of holes in panels. Shape to fit most any size hole. For 1/16" thick panels.

L: 12" WT: .01

STOCK #	DESCRIPTION	PRICE
2322-MI	Hole Grommet	\$0.33



ALUMINUM "POP" RIVETS

Recommended hole sizes, and Grip thickness ranges

Hole Range	Grip Range	Style
.100-.105in	.136-.197in	Std.

WT: .3/100

STOCK #	DESCRIPTION	PRICE
1215-HD	Std. Pop Rivit	\$3.50/100

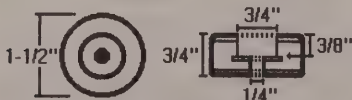
CABINET LOCK



Southco 93-10-202-10, cabinet lock features plastic knurled knob with key lock in center. Knob rotates 90deg. and releases bail arm. Key rotates 180deg and is removable in both positions. Mounts in 3/4" "D" hole in up to 3/8" thick panel. All keyed different. With 2 keys. All keyed alike

Mounting Hole: 3/4" "D" WT: .16

STOCK #	DESCRIPTION	PRICE
5761-HD	Cabinet Lock	\$3.50



SHOCK MOUNT

Heavy duty Black Rubber shock mount or vibration isolator with steel insert.

Dia: 1-1/2" H: 3/4" WT: .07

STOCK #	DESCRIPTION	PRICE
6572-HD	Large Shock Mount	\$0.30



A



B

TRANSISTOR SOCKETS

For transistors or regulators.
Phenolic and/or fiberglass for long life

WT: .1

STOCK #	FIG.	DESCRIPTION	PRICE
0704-SC	A	TO-66 Device	\$0.20
5537-SC	B	TO-3 Device	\$0.50

LACING TAPE

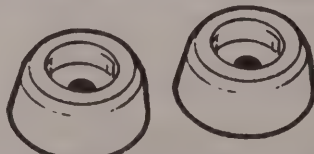


250 yards of MIL-T-43435B, Type I, size 1, (A.E. Petsche Co. LC435-1-1B-N)) natural color Nylon Flat cord on a cardboard spool. Used by the military to bundle wire and cable. Keep your equipment from looking like mice live in it.

L: 750ft WT: 1.1

STOCK #	DESCRIPTION	PRICE
7762-MI	Lacing Cord	\$2.50

BLACK PLASTIC FEET



Round, black plastic feet. 3/4" dia X 3/8" high. Recessed hole in center for screw. Ideal for chassis feet, drawer stops, etc.

Sold in pack of 8 only

Dia: 3/4" H: 3/8" WT: .024/8

STOCK #	DESCRIPTION	PRICE
8897-BU	Black Plastic feet	8/\$1.00



**CREDIT CARD-COD
ORDERS TAKEN BY PHONE
9:00 AM - 4:30 PM (EASTERN)
MONDAY - FRIDAY
CALL**

561-848-8236

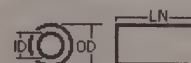
ORDERS ONLY

CALL

1-800-652-6733

ROUND HOLLOW SPACERS

Sold in packs of 10pcs.

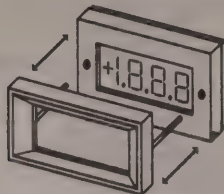


WT: .1lb/10pcs.

STOCK #	ID	OD	LEN.	MAT.	PRICE
0795-HD	#8	.31	.125	Alum.	\$0.50
0796-HD	#8	.25	1.00	Alum.	\$1.50
0798-HD	#10	.375	1.00	Steel	\$1.50

METERS

LCD PANEL METERS



Compact 3-1/2 Digit LCD DPM with black plastic bezel & face plate. Basic meter features: 1/2" character height, adj. decimal point, auto polarity, >100Mohm input imp. 2 readings/sec., 9 VDC powered, .5% accuracy. Through panel mounting. Meter power must be isolated from input (Cannot monitor own power source).

Basic Meter is 200mV input & does not require scale resistors

20.0V & 200V Meter includes basic meter & the required Scale Resistors for you to install

Resistors NOT available separately

W: 2-5/8" H: 1-3/4" D: 3/8" WT: .1

STOCK #	DESCRIPTION	PRICE
6929-ME	Basic 200mV Panel Meter	\$7.95
7537-ME	Basic Meter With Resistors to allow you to convert to 20.0V Full Scale	\$8.95
7715-ME	Basic Meter With Resistors to allow you to convert to 200V Full Scale	\$8.95

LED DIGITAL PANEL METER

Compact 3-1/2 Digit LED DPM with black plastic bezel & face plate. .56" character height, 200mV DC input, adj. decimal point, auto polarity, >100Mohm input imp. 2 readings/sec., 7-12 VDC powered, .5% accuracy. Through panel mounting. Holes on board to add scale resistors. Meter power must be isolated from input (Cannot monitor own power source).

W: 2-5/8" H: 1-3/4" D: 3/8" WT: .1

STOCK #	DESCRIPTION	PRICE
7516-ME	LED Panel Volt Meter	\$11.95

4-1/2 DIGIT PANEL METER

Compact 4-1/2 Digit LCD DPM with black plastic face. 3/8" character height, 200.0mV DC input, adj. decimal point, auto polarity, >100Mohm input imp. 2 readings/sec., 7-12 VDC (9V Battery) powered, .05% accuracy. Through panel mounting. Holes on board to add scale resistors. Meter power must be isolated from input (Cannot monitor own power source).

W: 2-5/8" H: 1-3/4" D: 1/2" WT: .1

STOCK #	DESCRIPTION	PRICE
7160-ME	Digital Panel Meter	\$18.95

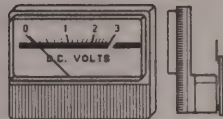
BATTERY METER

Vertical, edgeview, iron vane DC meter. 7 VDC full scale. Yellow scale area from 0 to 6VDC then green area labeled "GOOD" from 6-7VDC. Black pointer. No zero adjust. Mounts in a 1-1/4" X 9/16" cutout. 10" leads, NO HARDWARE

W: 1" T: 1-3/8" D: 2" WT: .03

STOCK #	DESCRIPTION	PRICE
5078-ME	Edgeview Battery Meter	\$3.25

DC VOLT PANEL METERS



ELenco DC panel meters, Black legends/Red over-range, Plastic case. Back Mounts in 2" X 1-1/8" cutout NO MOUNTING HARDWARE

W: 2-1/4" H: 1-7/8" D: 1-1/4" WT: .1

STOCK#	DESCRIPTION	PRICE
5332-ME	0-15V DC Voltmeter	\$6.95
5333-ME	0-30V DC Voltmeter	\$6.95
5334-ME	0-40V DC Voltmeter	\$6.95

LED DIGITAL PANEL METER



Acculex # DP350 3-1/2 Digit LED DPM. Specifications: .56" character height; full differential inputs (may be operated single ended), +-200mV DC range, adj. decimal point, auto polarity, >1000Mohm input imp. 3 readings/sec., remote sample/hold input, 5 VDC powered, .2% accuracy. Male 10 Pin header.

W: 2.52" H: 1.1" D: .75" WT: .05

STOCK #	DESCRIPTION	PRICE
8385-ME	Acculex Panel Meter	\$14.95

LIGHTED TACHOMETER



Panel mount 3-3/8" Dia. lighted Tachometer. Black face with white numbers. Scaled "0-10", "RPM" & "X 1000". Lamp runs on 12VDC with 1 side common to case. No Specs. but case labeled "12 Poles Alt" & "6 pulse". Mounts in 3-1/16" hole. Comes with saddle mounting bracket and vibration damping gasket. 7" leads with bullet connectors.

Dia: 3-3/8" L: 4" WT: 1.1

STOCK #	DESCRIPTION	PRICE
7116-ME	Lighted Tachometer	\$19.95

MINI DC METER

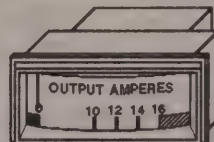


750uA DC meter. Silver Face with yellow segmented upper scale labeled "12", "18" & "24". Red & Green lower scale with "120" on the green & "220" on the Red Plastic lens & body. Rear mounts in a 1-3/8" X 5/8" cutout.

W: 1-1/2" H: 1-5/8" D: 1" WT: .04

STOCK #	DESCRIPTION	PRICE
6423-ME	750uA Mini Meter	\$1.25

200UA DC METER

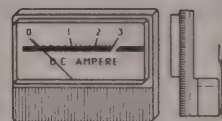


Modutec 200uA DC Edge view meter. Iron vane with clear plastic case Black legend & scale on white. Labeled "OUTPUT AMPERES". Mounts in 1-13/16 X 3/4" cutout.

W: 1-15/16" H: 1-13/16" D: 1-3/4" WT: .04

STOCK #	DESCRIPTION	PRICE
7028-ME	200ua DC Meter	\$3.95

DC AMP PANEL METERS

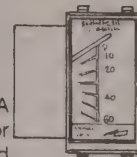


ELenco DC panel meters, Black legends/Red over-range, Plastic case. Back Mounts in 2" X 1-1/8" cutout NO MOUNTING HARDWARE

W: 2-1/4" H: 1-7/8" D: 1-1/4" WT: .1

STOCK#	DESCRIPTION	PRICE
5335-ME	0-500mA DC Ammeter	\$6.95
5336-ME	0-3A DC Ammeter	\$6.95

60A DC METER

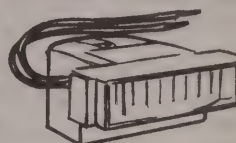


Prime model 18 plastic cased 30A DC full scale meter designed for battery chargers. Black background with white legend & a red area labeled "engine Start". Meter has metal pick-up that your cable passes thru. Front snap-in mount in 2-1/8" X 1-1/4" cutout. For 1/8" or thinner panels.

W: 2-5/16" H: 2-1/4" D: 1-3/8" WT: .1

STOCK #	DESCRIPTION	PRICE
8365-ME	60A DC Meter	\$6.95

300UA DC EDGEVIEW METER



300uA DC, horizontal edgeview meter is back 12V lamp backlight. No numbers on scale just 10 red vertical lines equally spaced across face. Rear mounts in a 1-5/16" X 1/2" cutout. Solder meter terminals; 5" lamp leads..

W: 1-1/2" H: 3/4" D: 1-1/2" WT: .03

STOCK #	DESCRIPTION	PRICE
8332-ME	uA Edgeview Meter	\$3.95

LED DIGITAL PANEL METER

Compact 3-1/2 Digit LED DPM with black plastic bezel & face plate. .56" character height, 200mV DC input, adj. decimal point, auto polarity, >100Mohm input imp. 2 readings/sec, 5 VDC powered, .5% accuracy. Through panel mounting. Holes on board to add scale resistors. Meter power can share common - with input (Can monitor own power source with scaling resistors).

W: 2-5/8" H: 1-3/4" D: 3/8" WT: .1

STOCK #	DESCRIPTION	PRICE
8054-ME	LED Panel Volt Meter	\$13.95

50UA DC METER



Phaostron, sealed 50uA DC meter. Self-Shielded movement with "0" adjustment. 3 scales: Top labeled "OHMS" in green. Middle (3 ranges 0-25, 0-5, 0-10) labeled in black. Bottom (3 ranges 0-25, 0-5, 0-10 AC) labeled in blue. Mounts in 2-5/8" hole.

Dia: 4-1/2" D: 2-1/4" WT: 1.1

STOCK #	DESCRIPTION	PRICE
6331-ME	50ua DC Meter	\$9.95

DELUXE DIGITAL MULTIMETER

Large Character, 3-1/2 digit LCD digital multimeter. With battery, test leads, case & instructions. Fuse & Diode protected

SPECIFICATIONS

DC VOLTS & CURRENT

Ranges: Volts: .2,2,20,200,1KV
Current: 200ua,2,20,200mA,20A
Accuracy: .5% +- 2 LS digit
20A: 1.0% +- 3 LS digit
Impedance: 10 Megohms

AC VOLTS & CURRENT

Ranges: Volts: .2,2,20,200,750V
Current: 200ua,2,20,200mA,20A
Accuracy: 1.2% +- 3 LS digit
20A: 3% +- 3LS digit
Impedance: 10 Megohms

CAPACITANCE

Ranges: 2000pF,20,200nF, 2,20uF
Accuracy: 3% +-3LS Digit
Resolution: 1pF-10nF
Test Signal: 120mV @ 400Hz

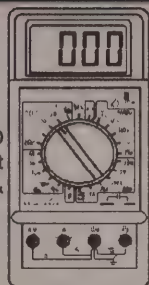
RESISTANCE

Ranges: 200,2K,20K,200K,2M,20M
Accuracy: <200K: .8% +-2 LS Digit
2M: 1% +-3 LS Digit
20M: 3%+-2 LS Digit
Overload: 350V AC/DC

DIODE & TRANSISTOR TEST

T: 6-1/4" W: 2-7/8" D: 1-1/4" WT: 1.2

STOCK #	DESCRIPTION	PRICE
6375-TE	Deluxe Multimeter	\$49.95



CLAMP-ON DIGITAL AMMETER AND MULTIMETER

Pocket clamp-on digital Volt/ Ammeter with 3-1/2 digit LCD display. With batteries (uses two 1.55V button cells A76 or LR-44), test leads, wrist lanyard, storage case & instructions. Auto ranging with Data Hold feature, 3/4" clamp opening, 1" clamp diameter closed for large conductors or buss bars. Check motor loads, phase imbalance etc. High impact yellow plastic case.

SPECIFICATIONS

AC CURRENT

Ranges Amps: 200,400
Accuracy: +-1.5% +5LSD
Frequency: 50-60Hz.
Overload: 500A 1min.

AC VOLTS

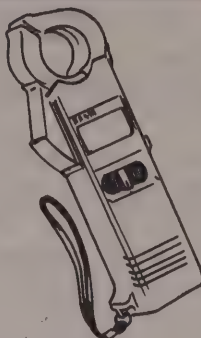
Ranges Volts: 200,500
Accuracy: +-1.2% + 5LSD
Overload: 750V AC

CONTINUITY

Buzz when <600 ohms
Open circuit Voltage: .5V
Overload: 350V ACV rms

T: 7" W: 2-3/4" D: 1-1/4" WT: .9

STOCK #	DESCRIPTION	PRICE
8609-TE	Digital Clamp-on Meter	\$69.95



CLAMP-ON ANALOG AMMETER AND MULTIMETER

Deluxe clamp-on Ammeter and VOM with mirrored scale, With battery, test leads, case & instructions. Data Hold feature, 1-7/8" clamp opening to allow large conductors or buss bars. Check motor loads, phase imbalance etc.

SPECIFICATIONS

AC CURRENT

Ranges: 6,60,300 Amps
Accuracy: +-4%
Frequency: 50-60Hz.

AC VOLTS

Ranges: 150,300,600 Volts
Accuracy: +-3%
Frequency: 50-1KHz.
Impedance: 2 K ohms

DC VOLTS

Range: 60 Volts
Accuracy: +-3%
Impedance: 2 K ohms

RESISTANCE

Ranges: 1K 30 ohm Center
10K 300 ohm Center

L: 9" W: 3" H: 1-1/2" WT: .8

STOCK #	DESCRIPTION	PRICE
6370-TE	Analog Clamp-on Meter	\$49.95



POCKET EMF METER

Worried about the effect of magnetic fields on your health?

This meter allows you to check your enviroment for these fields that surround all electrical equipment

Studies have shown that continuous exposure to fields in excess of 2mG (milli Gauss) may cause health problems such as an increased risk of cancer, leukemia, and tumors. While the debate continues why take a chance? Use this simple, accurate handheld meter to measure Electro-Magnetic Fields. Easy to read analog meter & audible tone that changes with field strength. Measures AC Magnetic Fields. Two ranges: .1mG-1mG, & 1mG-10mG. Auto turn off. Uses 9V battery (not included).

T: 5-1/4" W: 2-1/2" D: 1-1/8" WT: .5

STOCK #	DESCRIPTION	PRICE
6916-TE	EMF Meter	\$39.95



DIGITAL MULTIMETER

Light weight 6 function, 3-1/2" digit hand held meter with 1/2" LCD display. With 9V battery, test leads & instructions. Fuse Overload protection.

SPECIFICATIONS

DC VOLTS & CURRENT

Range Volts: 200M,2,20,200,1000
Current: 200ua,2ma,20,200,10A
Accuracy: 1% + 2 LS digit (1.2% current)

AC VOLTS

Range Volts: 200,750V
Accuracy: 1.2% + 10 LS Digit

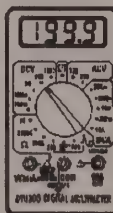
RESISTANCE

Ranges: 200,2K,20K,200K,2M,20M
Accuracy: 1.2% + 2 LS Digit

MISCELLANEOUS

Diode Test: 1.5mA Test Current
Signal Inj: 30-40 Hz Sq. Wave
T: 5" W: 2-3/4" D: 1-1/8" WT: .5

STOCK #	DESCRIPTION	PRICE
7529-TE	830G Digital Meter	\$16.95



DIGITAL MULTIMETER

Light weight 5 function, 3-1/2" digit hand held meter with 1/2" LCD display. With 9V battery, test leads & instructions. Fuse Overload protection.

SPECIFICATIONS

DC VOLTS & CURRENT

Range Volts: 20,200
Current: 200ua,10A
Accuracy: 1% + 5 LS digit (2% current)

AC VOLTS

Range Volts: 500V
Accuracy: 1.2% + 10 LS Digit

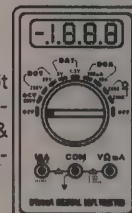
RESISTANCE

Ranges: 2K,2M
Accuracy: 1.2% + 5 LS Digit

MISCELLANEOUS

Battery Test: 1.5V & 9V @ 10mA Load
T: 5" W: 2-3/4" D: 1" WT: .5

STOCK #	DESCRIPTION	PRICE
7164-TE	830A Digital Meter	\$14.95



DIGITAL CAPACITANCE METER

GLOBAL SPECIALTIES MODEL 3000

Light weight 9 range 3-1/2" digit hand held Capacitance meter with 1/2" LCD display.



SPECIFICATIONS

RANGES

Ranges: (9) 200pF, 2nF, 20nF, 200nF, 2uF, 20uF, 200uF, 2000uF, 20mF
Accuracy: .5% + 1 LS digit (200pF-200uF)
1% + 1 LS digit (2000uF)
2% + 1 LS digit (20mF)
Null: Front panel Pot allows +- 20pF
Min. adjust to "0" out test leads
Test Rate: 2.5/Sec. Nominal

MISCELLANEOUS

Protection: Input protected by 1/4A fuse
Power: 9V battery (Lo battery indicator on display)
Input Conn. Red & Black recessed safety Banana jacks
Two low insertion force SIP strips

Ideal portable meter with wide range and convient tilt stand for bench use.

T: 6-7/8" W: 3-1/2" D: 1-3/8" WT: .9

STOCK #	DESCRIPTION	PRICE
7786-GS	Global LCD Cap Meter	\$94.95

COMPUTER MONITOR TESTER

Light weight multifunction, hand held test set for computer monitors. 9V battery powered. Simple set up, only three switches used to select monitor. DB-9 & DB-15HD connectors.



SPECIFICATIONS

Monitor Types

MDA, CGA, EGA, VGA3, SVGA, 8514/A,

Test Rates:

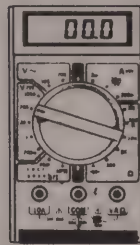
Mon.	-----Horiz-----		-----Vert-----			Video
Type	KHz	Polarity	Hz	Polarity	Lines	Type
MDA	18.4	+	50	-	350	TTL
CGA	15.7	+	60	+	200	TTL
EGA	21.8	+	60	-	350	TTL
VGA	31.5	-	60	-	480	Analog
SVGA	35.2	+	56	+	600	Analog
SVGA	48.5	+	60	+	768	Analog
SVGA	64	+	60	+	1024	Analog
8514	35.5	+	87	+	384	Analog

Video Patterns:

Color Bars, Crosshatch, Dots, Color Raster, Black/White window.

L: 5.7" W: 3.8" D: 1.5" WT: .6

STOCK #	DESCRIPTION	PRICE
7792-TE	Monitor Tester	\$119.95



DIGITAL MULTIMETER

Light weight 3-1/2" digit LCD meter. With battery, test leads & instructions. Fuse & Diode Overload protection. For Shop or field uses.

SPECIFICATIONS

DC VOLTS & CURRENT

Ranges Volt: .2, 2, 20, 200, 1KV
Current: 2, 20, 200mA, 10A
Accuracy: 1.0% +- 2 LS digit
10A: 1.8% +- 3 LS digit
Impedance: 1 Megohm

AC VOLTS

Ranges: 200, 500 Volts
Impedance: 450K
Accuracy: 1.8% +- 2 LS digit

RESISTANCE

Ranges: 200-2K-20K-200K-2M
Accuracy: 1.2% +- 2 LS Digit (<200K)
Test Volt: 3.2 Max

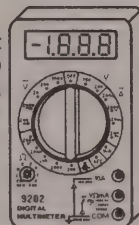
DIODE & TRANSISTOR

Test Volts: 3.2 VDC open cir. Max
Test Current: 1.4mA (Diode)
Test Current: 10ua (Hfe)
T: 5-1/4" W: 2-3/4" D: 1-1/8" WT: .9

STOCK #	DESCRIPTION	PRICE
6373-TE	Light Weight LCD Meter	\$29.95

DIGITAL MULTIMETER

Light weight 5 function, 3-1/2" digit hand held meter with 1/2" LCD display. With 9V battery, test leads & instructions. Fuse Overload protection.



SPECIFICATIONS

DC VOLTS & CURRENT

Range Volts: .2, 2, 20, 200, 1KV
Current: 200ua, 2, 20, 200mA 2A, 10A
Accuracy: 1% + 2 LS digit (1.2% current)

AC VOLTS

Range Volts: 200, 750V
Accuracy: 1.2% + 10 LS Digit

RESISTANCE

Ranges: 200, 2K, 20K, 200K, 2M
Accuracy: 1.2% + 2 LS Digit

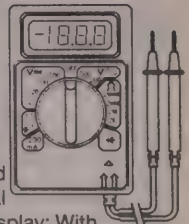
MISCELLANEOUS

Diode Test: 2.75 VDC open cir. 1.5mA max
hfe: Measures Transistor operation
T: 5" W: 2-3/4" D: 1" WT: .5

STOCK #	DESCRIPTION	PRICE
7162-TE	9202 Digital Meter	\$12.95

POCKET MULTIMETER

AC & DC Volts
DC Current
Battery, Diode &
Resistance Test



Many Features in a pocket sized 3-1/2" digit hand held digital multimeter: 9V battery; LCD display; With test leads, and instructions. High impact case. Lo battery indicator.

SPECIFICATIONS

DC VOLTS & CURRENT

Ranges: 4(2-500V) 1(200mA)
Accuracy: .8% + 1 digit(V)
2% + 2 digit(mA)
Impedance: 1 Megohm
Overload: 500V DC V/2A fuse

AC VOLTS

Ranges: 200, 500V
Accuracy: 1.5% + 3 digit
Impedance: 450 Kohms
Overload: 500V RMS

RESISTANCE

Ranges: 4(2 kohm-2 Megohm)
Accuracy: 200 ohm: 1% + 3 digit
Overload: 250V AC or DC

DIODE TEST

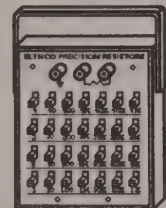
Test current: 1mA (diode)
Test volts: 3.2V max

BATTERY TEST

1.5V AA load: 37ohms (40mA)
9V load: 360 ohms (24mA)

T: 5-1/2" W: 2-3/4" D: 1-1/16" WT: .8

STOCK #	DESCRIPTION	PRICE
4791-TE	Pocket Digital Meter	\$17.95



RESISTANCE SUBSTITUTION BOX

Quality substitution box for lab or shop. Check out critical circuits, or calibrate meters.

SPECIFICATIONS

RESISTANCE

Range: 0-11, 111, 110K ohms
in 1 ohm steps
Accuracy: 1%

POWER

1W: 0-99K ohms
1/2W: 100K-11+Meg.

T: 6-3/4" W: 4-1/8" D: 1-3/4" WT: .8

STOCK #	DESCRIPTION	PRICE
6377-TE	Resistance Sub Box	\$39.95

DELUXE DIGITAL MULTIMETER

Large .7" Character, 3-1/2 digit LCD digital multimeter. With battery, test leads, case & instructions. Fuse & Diode protected

SPECIFICATIONS

DC VOLTS & CURRENT

Ranges: Volts:

.2,2,20,200,1KV

Current: 200ua,2,20,200mA,20A

Accuracy: .8% + 2 LS digit (worst case)

20A: 2.0% + 5 LS digit

Impedance: 10 Megohms

AC VOLTS & CURRENT

Ranges: Volts: .2,2,20,200,700V

Current: 200ua,2,20,200mA,10A

Accuracy: 1.8% + 3 LS digit (worst case)

10A: 3% + 7 LS digit

Impedance: 10 Megohms

RESISTANCE

Ranges: 200,2K,20K,200K,2M,20M

Accuracy: 200: .8% + 3 LS Digit

2K-2M: .8% + 1 LS Digit

20M: 1% + 2 LS Digit

Overload: 500V AC/DC except
200 ohm range= 200V

DIODE & TRANSISTOR TEST

Diode Test: 2.8 VDC open cir. 1mA max

Continuity: Diode Test mode - buzzer sounds when resistance is < 30 ohms

hfe: 2.8Vce Ib=10ua

T: 7-3/8" W: 3-1/2" D: 1-1/2" WT: 1.1

STOCK #	DESCRIPTION	PRICE
7140-TE	Large Char. 9301 Meter	\$29.95

DIGITAL MULTIMETER

Light weight 3-1/2" digit hand held meter with LCD display. With battery, test leads & instructions. Fuse & Diode Overload protection

SPECIFICATIONS

DC VOLTS & CURRENT

Range Volts:

.2,2,20,200,1KV

Current: 200ua,2,20,200mA

2A,10A

Impedance: 1 Megohm

AC VOLTS

Ranges Volts: 200,750V

Impedance: 450 Kohm

RESISTANCE

Ranges: 200-2K-20K-200K-2M

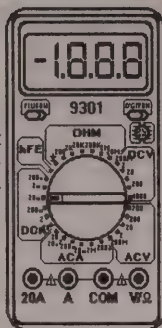
MISCELLANEOUS

Diode Test: 2.75 VDC open cir.

Accuracy: 2% worst case

T: 5-1/2" W: 2-3/4" D: 1" WT: .9

STOCK #	DESCRIPTION	PRICE
6371-TE	Digital Meter	\$24.95



DELUXE DIGITAL MULTIMETER

Large .8" Character, 3-1/2 digit LCD digital multimeter. With battery, test leads, case & instructions. Fuse & Diode protected

SPECIFICATIONS

DC VOLTS & CURRENT

Ranges: Volts: 200mV,2,20,200,1KV

Current: 200ua,2,20,200mA,10A

Accuracy: 1% + 2 LS digit Volts

1.2% + 2 LS digit Current

1000V Max. (DC + Pk. AC)

AC VOLTS

Ranges: Volts: 200,750V

Accuracy: 1.2% + 10 LS digit

750V RMS Max

45-450Hz.

Ave. Responding
Calibrated in RMS Sine Wave

RESISTANCE

Ranges: 200,2K,20K,200K,2M,20M

Accuracy: 200-2M 1.2% + 2 LS Digit

20M: 2% + 10 LS Digit

2.8V Max. Open Circuit

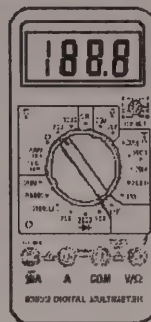
DIODE & TRANSISTOR TEST

Diode Test: 1.5mA Test Current

hfe: 2.8Vce Ib=10ua

T: 7-1/2" W: 3-1/4" D: 1-1/4" WT: 1.1

STOCK #	DESCRIPTION	PRICE
7530-TE	Large Char. 9300GBMeter	\$19.95



100MHZ SCOPE PROBE SELECTABLE 10X OR 1X

Quality oscilloscope probe with BNC connector to match to most equipment. Bandwidth 1X > 10MHz; 10X > 100MHz: capacitance 1X = 75pF; 10X = 11pF, (+ scope input). Max input: 600V AC P/P + DC. With ground lead, retractable hook tip, IC Tip, Insulating Tip. For labs, schools or shop.

L: 1.5m

WT: .17

STOCK #	DESCRIPTION	PRICE
7020-TE	10/100MHz Scope Probe	\$24.95



60MHZ SCOPE PROBE SELECTABLE 10X OR 1X

Quality oscilloscope probe with a BNC connector to match to most equipment. Bandwidth 1X > 15MHz; 10X > 60MHz: capacitance 1X = 60pF; 10X = 12pF, (+ scope input). Max input: 600V AC P/P + DC. With ground lead & retractable hook tip. For field service, schools or shop.

L: 1.5m

WT: .17

STOCK #	DESCRIPTION	PRICE
6998-TE	15/60MHz Scope Probe	\$19.95



60MHZ SCOPE PROBE SELECTABLE 10X OR 1X

Quality oscilloscope probe with a BNC connector to match to most equipment. Bandwidth 1X = >4MHz +1db: >6MHz +3db. 10X=>40MHz+1db:>60MHz+1db: Capacitance 1X = 180pF; 10X = 22pF, (+ scope input). Max input: 600V AC P/P + DC. With ground lead & retractable hook tip. For field service, schools or shop.

L: 1.5m

WT: .17

STOCK #	DESCRIPTION	PRICE
8630-TE	60MHz Scope Probe	\$14.95



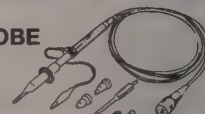
100MHZ SCOPE PROBE SELECTABLE 10X OR 1X

Quality scope probe with BNC connector to matches most equipment. For field service, school or shop. Bandwidth: 1X = >6MHz +3db 10X=>100MHz +3db Capacitance 1X= 150pF; 10X = 14pF, (+ scope input). Max input: 600VDC. With ground lead, retractable hook tip, pin tip with IC lead cover & std. cover.

L: 1.5m

WT: .17

STOCK #	DESCRIPTION	PRICE
8682-TE	100MHz Scope Probe	\$22.95



TEST PROBE SET

General purpose, pair of red and black test probes, 30in leads with pin plugs on one end and semi-flexable 4" handle with 7/8" nickel plated brass probe on other.

L: 30"

WT: .1

STOCK #	DESCRIPTION	PRICE
6320-TE	Test Probes	\$1.50



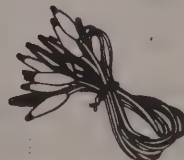
ALLIGATOR CLIP LEAD SET

Handy set of 10 multi colored clip leads. 26 AWG leads 12" long, with insulated alligator clips on each end, 2 leads each in five colors. For shop or lab.

L: 12"

WT: .2

STOCK #	DESCRIPTION	PRICE
3569-TE	10 Pc. Clip Lead Set	\$3.95



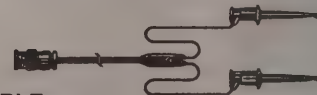
TEST HOOK CABLE

RG-58U test cable with a molded strain relief BNC connector on one end and red & black test clips on the other. RG-58 cable is 3ft long with an additional 7" of red & black wire from a strain relief to the clips. For lab, shop or school.

L: 40"

WT: .3

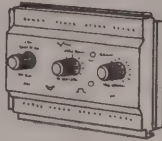
STOCK #	DESCRIPTION	PRICE
2802-TE	Test Cable with Hooks	\$6.95



ELENCO FUNCTIONAL BREADBOARD BLOCKS

Elenco's series of interlocking Blox™ form the basic building blocks of breadboard design. These Blox™ provide Power, Signals, Clocks and even a Logic probe. Multiple Blox™ of the same type can be used. Can be used with but won't interlock with all breadboarding tie point boards.

Ideal for training courses & Tech. schools



FUNCTION GENERATOR

MFG: ELENCO

P/N: 9600

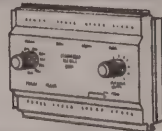
Output: Sine, Square, Triangle Wave

Specifications/Features:

Generator Blox™ interlocks with other functional Blox™ in the series. Provides: 1Hz. -1Mhz Sine Wave: .0- 2V P/P; Triangle Wave: 4VP/P; Square Wave: 5V P/P. Inputs for DC Offset of Sq. wave and AM/FM modulation. + & - 5V powered.

L: 3-1/16" **W:** 2-1/8" **T:** 5/8" **WT:** .1

STOCK #	DESCRIPTION	PRICE
7920-TE	Function Generator	\$35.95



CLOCK GENERATOR

MFG: ELENCO

P/N: 9630

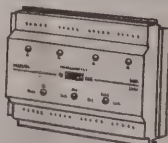
Output: 5VP/P TTL Sq. Wave Drives 10LS-TTL loads

Specifications/Features:

Digital Clock Blox™ interlocks with other functional Blox™ in the series. Provides: Variable 1Hz.-50MHz in 10 ranges plus fixed output of 1Hz, 1KHz & 1MHz. Can be Xtal locked. + 5V powered.

L: 3-1/16" **W:** 2-1/8" **T:** 5/8" **WT:** .1

STOCK #	DESCRIPTION	PRICE
7923-TE	Clock Generator	\$26.95



LOGIC PROBE

MFG: ELENCO

P/N: 9640

Input: Selectable TTL/CMOS

Specifications/Features:

Logic Blox™ interlocks with other functional Blox™ in the series. Features 4 LED indicators plus a probe type function with "HI", "LO", & "PULSE" LEDs. Withstands up to 18V on Probe input. +5V powered

L: 3-1/16" **W:** 2-1/8" **T:** 5/8" **WT:** .1

STOCK #	DESCRIPTION	PRICE
7924-TE	Indicator/Logic Probe	\$32.95

POWER SUPPLY

MFG: ELENCO

P/N: 9650

Outputs: #1: +5VDC @ 1A

#2: -5V @ .4A #3: +12V @ .3A

Specifications/Features:

Power Blox™ interlocks with other functional Blox™ in the series. Features 3 regulated outputs to power other Blox™ as well as your circuit. With LED & Switch. Wall mount plug transformer

L: 3-1/16" **W:** 2-1/8" **T:** 5/8" **WT:** .26

STOCK #	DESCRIPTION	PRICE
7925-TE	Power Supply	\$20.95

RESISTOR SUBSTITUTION

MFG: ELENCO

P/N: 9610

Specifications/Features:

Component Blox™ interlocks with other functional Blox™ in the series. 9610 provides: a 100K Variable, switch selectable 47-8.2K & 10K-1M fixed 1/8W resistors. Used to substitute for resistors values in frequently changed circuits

L: 3-1/16" **W:** 2-1/8" **T:** 5/8" **WT:** .1

STOCK #	DESCRIPTION	PRICE
7921-TE	Resistor Sub.	\$19.95



CAPACITOR SUBSTITUTION

MFG: ELENCO

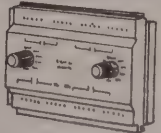
P/N: 9620

Specifications/Features:

Component Blox™ interlocks with other functional Blox™ in the series. 9620 provides: Switch selectable 47pF-.0068uF & .01-.33uF, 10% 50V Caps, Plus: 1ea: 1uF @ 50V & 10uF @ 35V electrolytic. Used to substitute for caps in frequently changed circuits.

L: 3-1/16" **W:** 2-1/8" **T:** 5/8" **WT:** .1

STOCK #	DESCRIPTION	PRICE
7922-TE	Capacitor Sub.	\$19.95

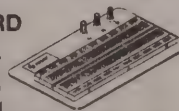


830 POINT PROTOBOARD

830 tie point solderless breadboard with 2 distribution strips, 1 terminal strip & 3 binding posts. Features: ABS plastic body, Nickel plated phosphor bronze contacts. Contact resistance less than 1 milliohm @ 1kHz. Tested for over 10,000 cycles. Snap lock molded dovetail for combining multiple boards, Suitable for 19-29 AWG wire & all DIP size components.

L: 7-3/4" **W:** 1-1/8" **H:** 1-1/4" **WT:** .6

STOCK #	DESCRIPTION	PRICE
4444-TE	830pt. Protoboard	\$14.95

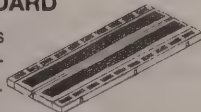


830 POINT BREADBOARD

830 tie point solderless breadboard with 2 distribution strips & 1 terminal strip. Features: ABS plastic body, Nickel plated phosphor bronze contacts. Contact resistance less than 1 milliohm @ 1kHz. Tested for over 10,000 cycles. Snap lock molded dovetail for combining multiple boards. Suitable for 19-29 AWG wire and all DIP size components.

L: 7" **W:** 2-1/2" **H:** 3/8" **WT:** .5

STOCK #	DESCRIPTION	PRICE
4443-TE	830 pt. Breadboard	\$5.95

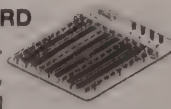


2390 POINT PROTOBOARD

2,390 tie point solderless breadboard with 5 distribution strips, 3 terminal strips & 4 binding posts. Features: ABS plastic body, Nickel plated phosphor bronze contacts. Contact resistance less than 1 milliohm @ 1kHz. Tested for over 10,000 cycles. Snap lock molded dovetail for the combination of multiple boards. Suitable for 19-29 AWG wire & all DIP size components.

L: 10-1/8" **W:** 7-7/8" **H:** 1-1/4" **WT:** 1.1

STOCK #	DESCRIPTION	PRICE
4446-TE	2390pt. Protoboard	\$24.95



1660 POINT PROTOBOARD

1,660 tie point solderless breadboard with 4 distribution strips, 2 terminal strips, & 3 binding posts. Features: ABS plastic body, Nickel plated phosphor bronze contacts. Contact resistance less than 1 milliohm @ 1kHz. Tested for over 10,000 cycles. Snap lock molded dovetail for combining multiple boards. Suitable for 19-29 AWG wire & all DIP size components.

L: 8-3/8" **W:** 5-1/8" **H:** 1-1/4" **WT:** .73

STOCK #	DESCRIPTION	PRICE
4445-TE	1660pt. Protoboard	\$19.95

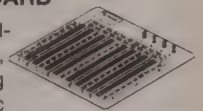


3220 POINT PROTOBOARD

3,220 tie point solderless breadboard with 7 distribution strips, 4 terminal strips & 4 binding posts. Features: ABS plastic body, Nickel plated phosphor bronze contacts. Contact resistance less than 1 milliohm @ 1kHz. Tested for over 10,000 cycles. Snap lock molded dovetail for combining multiple boards. Suitable for 19-29 AWG wire & all DIP size components.

L: 10-3/8" **W:** 9-1/8" **H:** 1-1/4" **WT:** 1.4

STOCK #	DESCRIPTION	PRICE
4447-TE	3220pt. Protoboard	\$29.95



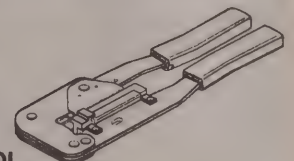
PROTOBOARD WIRE KIT

Plastic box with color coded AWG 22 jumper wires for use with the bread board prototyping kits. Contains 10 each of Red, Brown, Orange, Yellow, Green, Blue, Violet, Grey, & White. Ends are pre stripped for insertion into breadboards.

WT: .3

STOCK #	DESCRIPTION	PRICE
7027-TE	Jumper Wire Kit	\$6.95

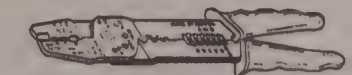
"IDC" CONNECTOR CRIMPING TOOL



IDC crimp tool for D-sub, Centronics, Headers, Etc. Hardened steel with cushion-grip handles. For general use.

WT: 1.2

STOCK #	DESCRIPTION	PRICE
5345-TL	"IDC" Crimp Tool	\$14.95



CRIMPING & CUTTING TOOL

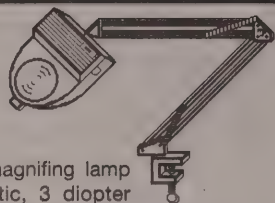
Universal hand tool cuts wire, strips wire (10-22AWG), crimps 10-12, 14-16, 18-22 AWG insulated & uninsulated terminals. Shears 4-40, 6-32, 8-32, 10-32, & 10-24 screws. Cushion hand grips.

L: 10" **WT:** .45

STOCK #	DESCRIPTION	PRICE
5822-TL	Crimping/Cutting Tool	\$3.95

TOOLS

MAGNIFIER LAMP



Adjustable elbow magnifying lamp features a 4" plastic, 3 diopter (1.75X) lens, Two 14" spring balanced arms, ON/OFF switch for a 60 watt household bulb (not included), and 2 wire AC cord and plug. White finish.

WT: 3.5

STOCK #	DESCRIPTION	PRICE
4739-TL	Magnifier Lamp	\$19.95

EYE LOUPE MAGNIFIERS

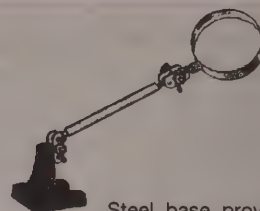


Plastic eye loupes used to do watch & jewelry repair, and to check circuit boards.

Dia: 1.5" L: 1.25"

WT: .03

STOCK #	DESCRIPTION	PRICE
7430-LN	2.5X Eye Loupe	\$1.95
7431-LN	5X Eye Loupe	\$1.95
7432-LN	7.5X Eye Loupe	\$1.95
7433-LN	10X Eye Loupe	\$1.95



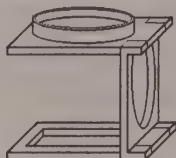
2X MAGNIFIER WITH BASE

Steel base provides support for this bench or desk top 2X magnifier. 2" dia. lens on arm with double ball joints to allow adjustment.

WT: 1.2

STOCK #	DESCRIPTION	PRICE
8252-LN	2X Magnifier with Base	\$6.95

GIANT FOLDING LENS



Folding magnifier with a quality 4" Dia. glass lens. 7" tall when open & 1-5/8" folded. 6-1/2" X 5-1/4" open bottom has inch/cm scales. Ideal for collectors, jewelers, electronic repairs.

L: 6-1/2" W: 5-1/4" T: 7"

WT: 1

STOCK #	DESCRIPTION	PRICE
0079-LN	Giant Folding Lens	\$6.95

FOLDING POCKET MAGNIFIER



Folding 10X magnifier. Folds into 3-1/2" x 2-1/2" protective case. Ideal for school, or reading the fine print on your insurance.

L: 3-1/2" W: 2-1/2"

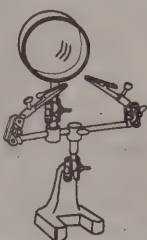
WT: .2

STOCK #	DESCRIPTION	PRICE
8251-LN	Pocket Folding Magnifier	\$5.95

HELPING HANDS

A must for circuit board, model or jewelry work, cast iron base with 2 alligator clips on a cross arm, move & adjust every which way, leaving your hands free, also available with 2-1/2" dia. magnifying lens.

H: 6"



WT: 1.4

STOCK #	DESCRIPTION	PRICE
1006-TL	Helping Hands No Lens	\$4.00
3628-TL	Helping Hands with Lens	\$5.50

2X MAGNIFIERS



Hand held magnifiers with glass lens. Ideal for watch & jewelry repair, and to check circuit boards.

Dia: 50mm (2")

L: 5.75"

WT: .12

Dia: 65mm (2.6")

L: 6.35"

WT: .20

Dia: 75mm (3")

L: 7.13"

WT: .28

STOCK #	DESCRIPTION	PRICE
7460-LN	2 in Dia. 2X Magnifier	\$1.95
7461-LN	2.6 in Dia. 2X Magnifier	\$2.49
7462-LN	3 in Dia. 2X Magnifier	\$2.95

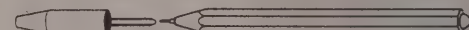


FREON TANK CONVERSION KIT

Kit supplies all parts needed to convert an empty Freon tank into a portable air tank. Contains tank fitting, 200PSI gauge, relief valve, filler valve, tire nozzle, & 4ft. hose. TANK NOT INCLUDED!

WT: 1

STOCK #	DESCRIPTION	PRICE
4097-TL	Tank Conversion Kit	\$7.95



DIAMOND SCRIBE

Quality diamond tipped scribe in a ball point pen package; complete with protective cap. Lite weight and slips into your pocket. Scribe plastic, glass, or metals.

WT: .01

STOCK #	DESCRIPTION	PRICE
5908-TL	Diamond Scribe	\$2.95

TWEEZERS WITH MAGNIFIER



Stainless steel tweezer with attached 4X magnifier. Ideal for sorting small parts etc. Folds to only 3/8" thick.

L: 3-5/8" W: 1-1/4"

WT: .05

STOCK #	DESCRIPTION	PRICE
7426-TL	Tweezer with Magnifier	\$1.95

DENTAL MIRROR



Magnifying dental mirror designed to screw into the end of a tool handle. Sorry we don't have the handle but the thread appears to be 2-56. Stainless steel body with glass mirror. 3/4" dia. X 1-3/4" overall length.

L: 1-3/4" Dia: 3/4"

WT: .007

STOCK #	DESCRIPTION	PRICE
4628-MI	Dental Mirror	\$0.50



PHONE WIRING TOOL

Woods Wire Products #1223, plastic tool used to help install phone wiring in your home. Designed for do-it-yourself projects; measures strip length, strips jacket of round cable, strips conductors, holds staple and wire while stapling.

L: 5"

WT: .06

STOCK #	DESCRIPTION	PRICE
4841-TL	Phone Wiring Tool	\$0.99

FLIP-UP BINOCULAR MAGNIFIERS



Magnifier with adjustable headband & two levels of magnification. 1st. level is 2.2X with focal length of 10in. 2nd. set of lenses fold down to increase magnification to 3.3X with a focal length of 5in. Do not interfere with eyeglasses, & flip up out of the way without removing from head.

WT: .3

STOCK #	DESCRIPTION	PRICE
5819-LN	Flip up Magnifiers	\$17.95



CREDIT CARD-COD ORDERS TAKEN BY PHONE

9:00 AM - 4:30 PM (EASTERN)

MONDAY - FRIDAY
CALL

561-848-8236

ORDERS ONLY

CALL

1-800-652-6733

POCKET FLASHLIGHT

Pocket flashlight uses a pre-focused bulb to supply a bright beam to light your way. Head tilts up to 90Deg. with Pocket/Belt clip. Black Plastic case. Requires two "AA" Alkaline cells (Not supplied)

L: 1-3/8" W: 11/16" T: 3-7/8" WT: .07

STOCK #	DESCRIPTION	PRICE
5868-MI	Pocket Flashlight	\$1.95

90

ORDERS: 1-800-652-6733

FAX ORDERS: 1-800-432-9937

TOOLS



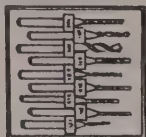
INSPECTION MIRRORS

Ins. mirrors with 16" metal telescoping shaft (9" collapsed) with adjustable coupling to a mirror head. 2 styles: 2" round mirror or 3-1/2" X 2" rect. mirror.

WT: .2

STOCK #	DESCRIPTION	PRICE
7952-TL	Rect. Ins. Mirror	\$3.95
7955-TL	Round Ins. Mirror	\$3.50

PC BOARD DRILLS



9 pc assortment of resharpened carbide drills. Each case contains 9 pieces BUT are random and may contain duplicates. Each bit is labeled with it's size. These are fragile and should be used in a drill press; especially the small sizes

Shaft Dia: 1/8"

WT: .11

STOCK #	DESCRIPTION	PRICE
8778-TL	9pc. Set Carbide Drills	\$3.95

PRECISION SCREWDRIVER SETS



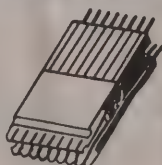
Quality miniature screwdriver sets contain 2 phillips, 4 flat blade in a plastic case. Free spinning finger caps. Ideal for glasses, watches, or electronics.

Professional set has hardened carbon steel blades Standard set has softer chip resistant blades

WT: .3

STOCK #	DESCRIPTION	PRICE
2039-TL	Prof. Prec. Screwdrivers	\$2.49
8080-TL	Std. Prec. Screwdrivers	\$1.95

"CHIP CLIP"



16 pin "chip clip", these clip onto standard 16 pin IC and allow you to monitor voltages and signals, can also be used on 14 pin IC's, ideal for field service, school tech labs, etc, gold plated contacts.

WT: .05

STOCK #	DESCRIPTION	PRICE
3713-TL	16 Pin "Chip Clip"	\$4.75



LUBE SYRINGE

Plastic syringe designed to "inject" oil etc. Into motors and other equipment. Holds around 15cc Ideal for fan motors. 7/8" long point.

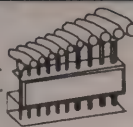
L: 4-1/2" Dia: 3/4"

WT: .02

STOCK #	DESCRIPTION	PRICE
8383-TL	Lub. Syringe	\$2.49

"TEE" HANDLE HEX KEYS

Plastic "T" handles with Chrome Vanadium steel blades, order S.A.E. or Metric



-----SAE-----

3/32" 5/32" 5/16"

7/64" 3/16" 3/8"

1/8" 7/32"

9/64" 1/4"

-----Metric-----

2mm 4.5mm 8mm

2.5mm 5mm 10mm

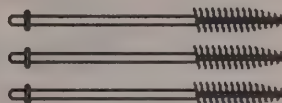
3mm 5.5mm

4mm 6mm

WT: 2.8

STOCK #	DESCRIPTION	PRICE
5676-TL	SAE Hex Key Wrenches	\$9.95
5677-TL	Metric Hex Key Wrenches	\$9.95

CLEANING BRUSH

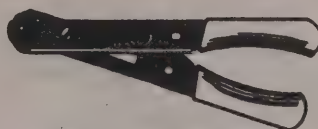


Tapered cleaning brush. 1/4" dia. tapered nylon bristles, 4" long overall. Ideal for cleaning computer equipment, etc.

L: 4" Dia: 1/4"

WT: .003

STOCK #	DESCRIPTION	PRICE
4338-MI	3 Cleaning Brushes	3/\$0.30



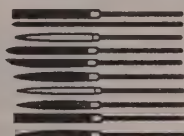
5" CUTTER/STRIPPERS

5", "V" groove wire stripper/cutters, vinyl handle grips, return spring, and adjustment screw to set strip depth.

WT: .2

STOCK #	DESCRIPTION	PRICE
3814-TL	5" Cutter/Stripper	\$3.00

NEEDLE FILES



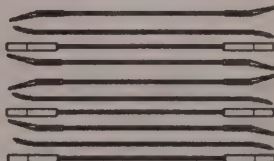
10 piece assortment of hobby needle files in a plastic pouch, you get round, triangular, square and flat files, with various smooth and cutting sides. Work length = 7cm (2.5").

L: 5-1/2"

WT: .3

STOCK #	DESCRIPTION	PRICE
2614-TL	10pc Needle File Set	\$4.50

MINI FILE SET



10 piece file set. Contains 10 double ended files in a fold up plastic pouch. Both ends are identical. Flats, rounds and triangle shapes all with a 30deg. bend on the ends.

L: 7"

WT: .22

STOCK #	DESCRIPTION	PRICE
4532-TL	10pc. Mini File Set	\$3.95

5" MICRO CUTTERS



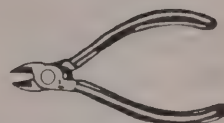
Quality, thin profile, carbon steel micro cutters with insulated handles & spring return, used to cut IC, transistor & other component leads on PC boards, for production, or shop use.

L: 5"

WT: .2

STOCK #	DESCRIPTION	PRICE
5720-TL	5" Micro Cutter	\$5.95

4-1/2" DIAGONAL CUTTERS



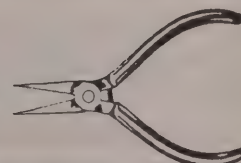
Quality cutter for shop, field or production, metal construction with spring loaded hardened steel jaws & insulated handles.

L: 4-1/2"

WT: .2

STOCK #	DESCRIPTION	PRICE
3266-TL	Diagonal Cutters	\$6.50

5" NEEDLE NOSE PLIERS



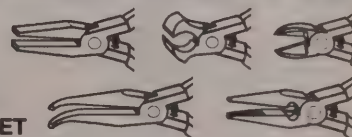
New, quality needle nose hardened steel pliers for shop, field or production, serrated jaws, spring return & plastic insulated grip handles.

L: 5"

WT: .2

STOCK #	DESCRIPTION	PRICE
5938-TL	Needle Nose Pliers	\$5.95

5 PIECE PLIER SET



Heavy Duty set of 5" electronic pliers. Features dipped handles, springs and smooth finish. You get: Smooth jaw Duck Bill, serrated Needle Nose, smooth jaw bent Needle Nose, End Cutter, and Diagonal Cutter.

L: 5"

WT: .9

STOCK #	DESCRIPTION	PRICE
5572-TL	5 Pc. Plier Set	\$9.95

SNAP RING PLIERS



4 Piece set contains: 2 internal ring tools; 1 with stright jaw & 1 with bent jaw; 2 external ring tools; 1 with stright jaw & 1 with bent jaw. Drop forged metal with spring loaded jaws. Uninsulated handles. For shop, field or production use.

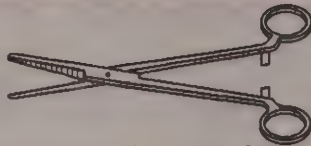
L: 5-1/5"

WT: .9

STOCK #	DESCRIPTION	PRICE
6353-TL	Snap Ring Pliers	\$5.95

TOOLS

HEMOSTATS



Stainless steel multi-purpose hemostats. Serrated tip, clip lock, ideal for holding small components.

WT: .04

STOCK #	DESCRIPTION	PRICE
3857-TL	3.5" Straight Hemostat	\$2.00
3858-TL	3.5" Curved Hemostat	\$2.00
3859-TL	5" Straight Hemostat	\$2.00
3860-TL	5" Curved Hemostat	\$2.00

RG-59 COAX STRIPPER



Cablematic UT-5900 barrel type stripper prepares RG-59 for "F" connectors. Knurled Aluminum body, steel blades. For cable with shield braid or tape/braid conforming to Mil-C-17

WT: .15

STOCK #	DESCRIPTION	PRICE
5309-TL	RG-59 Coax Stripper	\$16.00

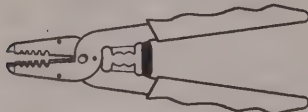


DUAL ACTION COAX STRIPPERS

Single motion coax cable stripper. Makes 2 cuts in single pass. Adjustable blades. For teflon or standard cable. Two models for different cables.

WT: .2

STOCK #	DESCRIPTION	PRICE
3815-TL	Stripper for RG-59 & 6	\$16.00
3816-TL	Stripper for RG-58,59,62	\$17.00



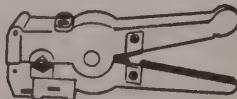
CUTTER/STRIPPER

6-1/2in. machined groove wire stripper, cutter and crimper. Vinyl handle grips, return spring, and Strips 10-18AWG wire.

L: 6-1/2"

WT: .4

STOCK #	DESCRIPTION	PRICE
5708-TL	Machined Groove Stripper	\$5.95

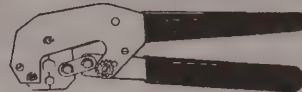


3 BLADE COAX STRIPPERS

Single motion coax cable stripper. Makes 3 cuts in single pass. Adjustable for RG-58, 59 or 6. Heavy duty plastic with steel blades. Spring loaded handle closes to assure proper cut.

WT: .2

STOCK #	DESCRIPTION	PRICE
7992-TL	Stripper for RG-59 & 6	\$9.95



DELUXE

"F" CONNECTOR CRIMPING TOOL

Heavy duty "F" series crimp tool for RG-6 and RG-59 cable, heavy duty model for production line or commercial use.

WT: 1.5

STOCK #	DESCRIPTION	PRICE
3260-TL	Deluxe "F" Crimp Tool	\$20.95



"F" CONNECTOR CRIMPING TOOL

"F" series crimp tool for RG-6 and RG-59 cable, standard model for general use around shop or home.

WT: 1

STOCK #	DESCRIPTION	PRICE
3259-TL	Economy "F" Crimp Tool	\$5.75



INSULATED TERMINAL CRIMPING TOOL

Quality tool for insulated terminals such as spade lugs, rings, quick connect etc, for AWG 10-22 Metal construction with full cycle ratchet & quick release safety, for production or commercial use.

WT: 1.5

STOCK #	DESCRIPTION	PRICE
3265-TL	Ins. Terminal Crimp Tool	\$31.95

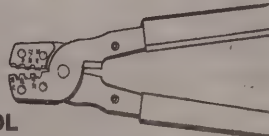


HEX CRIMPING TOOL

Quality Hex Crimp tool for RF & other connectors. Metal with full cycle ratchet & quick release safety, for production or commercial use. 4 die sizes: .319", .256", .213" & .068"

WT: 1.2

STOCK #	DESCRIPTION	PRICE
5770-TL	Hex Crimp Tool	\$24.95



"UNIVERSAL" CRIMPING TOOL

Universal crimp tool for 26-28 AWG D-sub pins/sockets, 22-26 AWG Butt splice, 22-26 AWG telephone type spade lugs, and 14-22 AWG non-insulated terminals. Hardened steel with cushion-grip handles. For general use.

WT: .5

STOCK #	DESCRIPTION	PRICE
5350-TL	Universal Crimp Tool	\$9.95

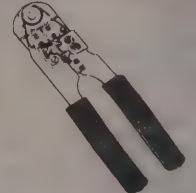


IMPACT PUNCH DOWN TOOL

Heavy duty, punch-down tool with adjustable impact pressure. For solid conductor wire. Interchangeable blades allow use on Type 66 or 88/110 blocks. **Order blades separately.**

WT: .4 Tool .04 Blades

STOCK #	DESCRIPTION	PRICE
5960-TL	Punch Down Tool	\$43.95
5961-TL	66 Punch Blade	\$11.95
5962-TL	88/110 Punch Blade	\$11.95



8 CONDUCTOR MODULAR PLUG CRIMPING TOOL

Heavy duty, modular crimp tool for 8 conductor (RJ-45) flat cable used in modems, etc. Metal construction for production line or commercial use.

WT: 1

STOCK #	DESCRIPTION	PRICE
3262-TL	8 Cond. Mod. Crimp Tool	\$16.95

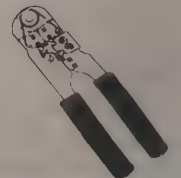


MODULAR PHONE PLUG CRIMPING TOOL

Heavy duty, modular crimp tool for standard 4 or 6 conductor flat cable Modular plugs (RJ-11/12). Metal construction for production line or commercial use.

WT: 1

STOCK #	DESCRIPTION	PRICE
3261-TL	4/6 Cond. Mod Crimp Tool	\$12.95

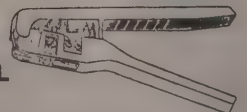


MODULAR HANDSET PLUG CRIMPING TOOL

Heavy duty, modular crimp tool for the mini flat cable plug used in the handset. Metal construction for production line or commercial use.

WT: 1

STOCK #	DESCRIPTION	PRICE
3263-TL	Handset Mod Crimp Tool	\$17.95



ECONOMY "MOD" PLUG CRIMP TOOL

Light duty, modular strip & crimp tool for flat cable, plastic construction with metal die. For home use.

WT: .5ea

STOCK #	DESCRIPTION	PRICE
6341-TL	4X6 RJ-11 Crimp Tool	\$4.95
6342-TL	6X6 RJ-12 Crimp Tool	\$4.95
5985-TL	Both Phone Crimp Tools	\$8.95

TOOLS

5-3/4" LONG HANDLE DIAGONAL CUTTERS

Drop forged steel, Diagonal cutting pliers with long handles. Round tip for general purpose cutting. Spring return & dipped vinyl grip handles. Ideal for shop, field or production

STOCK #	DESCRIPTION	PRICE
8072-TL	Diagonal Cutters	\$5.95

6-1/4" LONG HANDLE LONG NOSE PLIERS

Drop forged steel long nose pliers with long handles, seriated jaws, side cutter, spring return & vinyl grip handles. Ideal for shop, field or production

STOCK #	DESCRIPTION	PRICE
8073-TL	Long Nose Pliers	\$4.95

7-1/4" LONG HANDLE NEEDLE NOSE PLIERS

Drop forged steel needle nose pliers with long handles. Needle tips are 2-1/8" long with smooth jaws, spring return & vinyl grip handles.

STOCK #	DESCRIPTION	PRICE
8074-TL	Long Needle Nose Pliers	\$4.95

5-1/4" LONG HANDLE END CUTTERS

Drop forged steel, End cutting pliers (Nippers) with long handles. Spring return & vinyl grip handles. Ideal for shop, field or production

STOCK #	DESCRIPTION	PRICE
8075-TL	Long Handle End Cutter	\$4.95

6" LONG HANDLE BENT NOSE PLIERS

Drop forged steel bent nose pliers with long handles. Smooth jaws, spring return & vinyl grip handles. For shop, field or production

STOCK #	DESCRIPTION	PRICE
8076-TL	Bent Nose Pliers	\$4.95

6" LONG HANDLE FLAT NOSE PLIERS

Drop forged steel flat nose pliers with long handles. Smooth jaws, spring return & vinyl grip handles. For shop, field or production

STOCK #	DESCRIPTION	PRICE
8077-TL	Flat Nose Pliers	\$4.95

SET OF 6 LONG HANDLE PLIERS

Buy all 6 long handle pliers and save.

STOCK #	DESCRIPTION	PRICE
8078-TL	Long Handle Plier Set	\$26.95

11 PC. PRECISION SCREWDRIVER SETS

Quality miniature screwdriver sets contain 3 phillips, 6 flat blade, 1 awl, 1 magnetic pickup & an unbreakable plastic case. Free spinning finger caps. Ideal for glasses, watches, or electronics.

Professional set has hardened carbon steel blades
Standard set has softer chip resistant blades

STOCK #	DESCRIPTION	PRICE
8094-TL	Prof. 11pc. Screwdrivers	\$3.95
8095-TL	Std. 11pc. Screwdrivers	\$2.49

"STUBBY" RATCHET DRIVER

Stubby handle for drive bits with 3 way action: Fixed, Tighten, & Loosen. Accepts 1/4" driver bits (Sold separately)

STOCK #	DESCRIPTION	PRICE
8096-TL	Stubby Ratchet Drive	\$3.95

10PC MINI FILES

10 piece set of needle files in a stand up plastic case. Set contains round, 1/2 round, triangular, square flat files, etc.

STOCK #	DESCRIPTION	PRICE
8068-TL	10pc Needle File Set	\$5.95

"TWEAKER" SCREW DRIVER

Stubby plastic screwdriver. Ideal for adjusting pots and caps. 1/8" blade width.

STOCK #	DESCRIPTION	PRICE
8393-TL	Plastic Screwdriver	\$0.35

LONG REACH SCREWDRIVER SETS

Quality miniature screwdriver set contain 3 phillips & 3 flat blade. Ideal for those hard to reach places in VCR, Monitors etc. Hardened carbon steel blades

STOCK #	DESCRIPTION	PRICE
8083-TL	Long Reach Screwdrivers	\$4.95

UTILITY KNIVES

General purpose utility knives only slightly larger than a pen. ABS plastic handles and razor sharp steel snap off blades.

STOCK #	DESCRIPTION	PRICE
8553-TL	Utility Knives	\$0.49

TAMPER RESISTANT STAR BITS

Used as security fasteners in equipment. 1/4" driver bits fit in ratchets, drills, handles etc. Available in following sets.

Tamper resistant Star Sizes: T- 7,8,9,10,15,20, &25
Tamper resistant Star Sizes: T-10,15,20,27,30, &40

STOCK #	DESCRIPTION	PRICE
8551-TL	Tamper Res. Star Bits	\$3.95
8552-TL	Tamper Res. Star Bits	\$3.95

FUSE PULLER

Designed for installing or removing most electronic equipment fuses. Made of insulating high visibility plastic. Fits most 1/8"- 1/4" dia fuses as well as automotive blade style. A must for all electricians.

STOCK #	DESCRIPTION	PRICE
8614-TL	Fuse Puller	\$0.50



FLEXIBLE GRABBER

Long reach grabber. 18" flexible shaft with spring handle. Push handle and 4 spring steel "fingers" extend out other end. Use to retrieve small parts dropped where you can't put your arm.

L: 23" WT: .12

STOCK #	DESCRIPTION	PRICE
7949-TL	Flexible Grabber	\$1.29



MAGNETIC GRABBER

Magnetic grabber Used to retrieve small steel parts dropped where you can't put your arm. 16" metal telescoping shaft (9" collapsed) with adjustable coupling to a 3-1/2" head with magnet.

L: 19-1/2" Dia.: 1/2" WT: .2

STOCK #	DESCRIPTION	PRICE
7957-TL	Magnetic Grabber	\$3.95

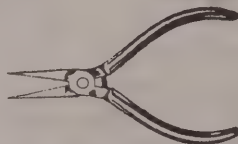
5" MICRO CUTTERS

Xcelite® 97CG, thin profile, carbon steel micro cutters with insulated handles & spring return, used to cut IC, transistor & other component leads on PC boards, for production, or shop use.

L: 5" WT: .15

STOCK #	DESCRIPTION	PRICE
8809-TL	5" Micro Cutter	\$6.95

5" FLAT NOSE PLIERS

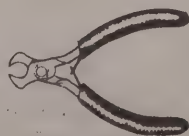


Drop forged flat nose, steel pliers for shop, field or production. Smooth jaws, spring return & anti fatigue foam cushion grip handles.

L: 5" WT: .2

STOCK #	DESCRIPTION	PRICE
3267-TL	Flat Nose Pliers	\$3.95

4" END CUTTERS

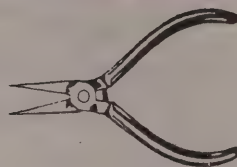


Drop forged steel, End cutting pliers (Nippers) for shop, field or production. Spring return & anti fatigue foam cushion grip handles.

L: 5" WT: .2

STOCK #	DESCRIPTION	PRICE
8060-TL	4" End Cutter	\$3.95

5-3/4" NEEDLE NOSE PLIERS



Drop forged steel needle nose pliers for shop, field or production. Needle tips are 2" long. Smooth jaws, spring return & anti fatigue foam cushion grip handles.

L: 5" WT: .2

STOCK #	DESCRIPTION	PRICE
8057-TL	Long Needle Nose Pliers	\$3.95

4-3/4" ROUND TIP DIAGONAL CUTTERS



Drop forged steel, Diagonal cutting pliers for shop, field or production. Round tip for general purpose cutting. Spring return & anti fatigue foam cushion grip handles.

L: 4-1/2" WT: .2

STOCK #	DESCRIPTION	PRICE
8061-TL	Diagonal Cutters	\$3.95

4-3/4" LONG NOSE PLIERS

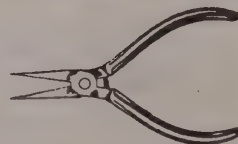


Drop forged long nose steel pliers for shop, field or production. Smooth jaws, side cutter, spring return & anti fatigue foam cushion grip handles.

L: 5" WT: .2

STOCK #	DESCRIPTION	PRICE
8058-TL	Long Nose Pliers	\$3.95

5" ROUND NOSE PLIERS

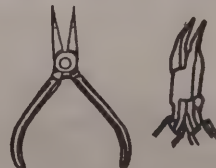


Drop forged round nose steel pliers for shop, field or production. Round smooth jaws for component lead bending & wiring. Spring return & anti fatigue foam cushion grip handles.

L: 5" WT: .2

STOCK #	DESCRIPTION	PRICE
8063-TL	Round Nose Pliers	\$3.95

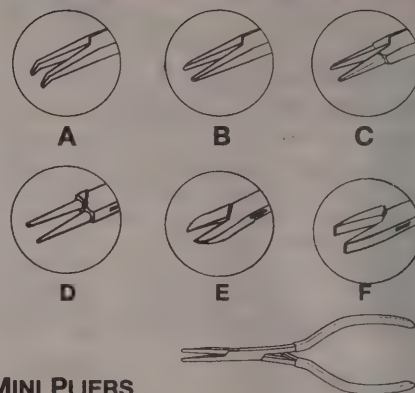
5" BENT NOSE PLIERS



Drop forged bent long nose steel pliers for shop, field or production. Smooth jaws, spring return & anti fatigue foam cushion grip handles.

L: 5" WT: .2

STOCK #	DESCRIPTION	PRICE
8059-TL	Bent Nose Pliers	\$3.95



MINI PLIERS

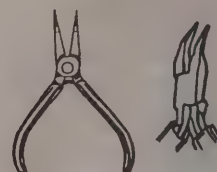
Chrome plated, 5in. mini pliers with leaf springs & cushioned dipped vinyl grips.

For fine Jewelry, or Electronic work

L: 5" WT: .1

STOCK #	FIG.	DESCRIPTION	PRICE
4980-TL	A	Bent Nose Pliers	\$2.95
4981-TL	B	Straight Pliers	\$2.95
4982-TL	C	Needle Pliers	\$2.95
8090-TL	D	Round Nose Pliers	\$2.95
8091-TL	E	Diagonal Cutters	\$2.95
8092-TL	F	Flat Nose Pliers	\$2.95

5" BENT NOSE PLIERS



New, quality bent nose hardened steel pliers for shop, field or production, serrated jaws, spring return & plastic insulated grip handles.

L: 5" WT: .2

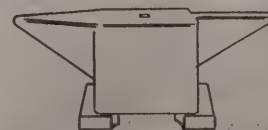
STOCK #	DESCRIPTION	PRICE
4045-TL	Bent Nose Pliers	\$6.50

COMPUTER TOOL KIT

Zippered, cloth pouch pack containing common tools used in computer repair. Set includes: 3/16 & 1/4" Nut Drivers, T-15 Star, Steel tweezer, Component Grabber, IC Puller, #0 & #1 Phillips screwdrivers, 1/8" & 3/16" Flat screwdrivers & a plastic jar for screws etc.

L: 5" WT: .1

STOCK #	DESCRIPTION	PRICE
8002-TL	Computer tool Kit	\$8.95



MINI BENCH ANVILS

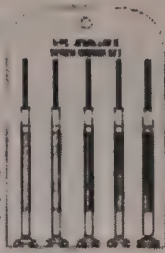
Small bench top anvils for hobby, light industrial duty, or small precision metal working.

STOCK #	DESCRIPTION	PRICE
8351-TL	1 lb. Anvil	\$4.95
8352-TL	3 lb. Anvil	\$5.95

TOOLS

5PC. JEWELER'S SCREWDRIVERS

5pc. mini precision flat blade screwdrivers with easy spin caps in a vinyl pouch. For jewelry repair and model building.

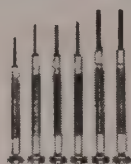


WT: .1

STOCK #	DESCRIPTION	PRICE
8216-TL	5pc. Jewlers Screwdrivers	\$1.95

6PC. WATCHMAKER'S SCREWDRIVERS

6pc. mini precision flat blade screwdrivers with easy spin caps in a vinyl pouch. For watch repair and other fine work.



WT: .1

STOCK #	DESCRIPTION	PRICE
8240-TL	6pc. Watchmakers Flat	\$2.49

3PC. WATCHMAKER'S PHILLIPS

3pc mini precision phillips screwdrivers with easy spin caps in a vinyl pouch. For watch repair and other fine work.



WT: .1

STOCK #	DESCRIPTION	PRICE
8241-TL	3pc. Watchmakers Phillips	\$1.49

4PC. PRECISION STAR DRIVERS

4pc. mini precision Star screwdrivers with easy spin caps in a plastic box. Contains T-6, 8, 9 & T-10. For electronic and model building.

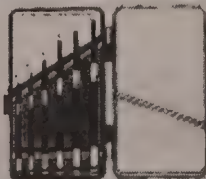


WT: .2

STOCK #	DESCRIPTION	PRICE
8242-TL	4pc. Mini Torx	\$5.95

6PC. PRECISION PHILLIPS DRIVERS

6pc. mini precision Phillips screwdrivers with easy spin caps in a plastic box. Contains 0-4, 0-3, 0-2, 0, 1-2, & 1-1. For electronic and model building.



WT: .2

STOCK #	DESCRIPTION	PRICE
8243-TL	6pc. Mini Phillips	\$2.49

QUICK CHANGE SCREWDRIVER

Quick change screwdriver features 2 double ended bits, flip-over steel bit holder and a sure grip handle. 1 bit has #1 & #2 phillips, other bit has 3/16" & 9/32" flat blades. Perfect for tackle box or glove compartment.

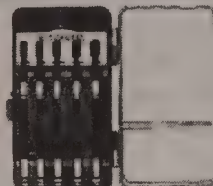
L: 7"

WT: .31

STOCK #	DESCRIPTION	PRICE
8354-TL	Quick Change Screwdriver	\$2.50

5PC. PRECISION METRIC NUT DRIVERS

5pc. mini precision metric nut drivers with easy spin caps in a plastic box. Contains 3.0, 3.5, 4.0, 4.5, & 5.0mm drivers. For electronic and model building.

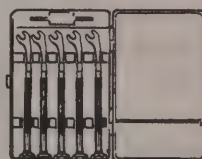


WT: .2

STOCK #	DESCRIPTION	PRICE
8244-TL	5pc. Metric Nut Drivers	\$2.95

5PC. PRECISION METRIC WRENCH SET

5pc. mini precision metric wrenches in a plastic storage case. Contains 4.0, 4.5, 5.0, 5.5 & 6mm wrenches. For electronic and model building.



WT: .2

STOCK #	DESCRIPTION	PRICE
8245-TL	5pc. Metric Wrench Set	\$2.95

HOBBY KNIFE SET

Mini precision hobby knife with 6 assorted steel blades. Aluminum handle with 4 jaw blade lock. For matte cutting, wood, plastic & leather carving, scoring & trimming.

WT: .1

STOCK #	DESCRIPTION	PRICE
8246-TL	Hobby Knife Set	\$3.95

PLASTIC HANDLE BRUSH SET

Industrial cleaning brush set has 1 each of the following brushes: brass bristle; Nylon bristle; & Stainless steel bristle. Each 7" plastic handle brush has 1/2" long bristles in a 1-3/8" X 5/16" pattern.

L: 7"

WT: .18

STOCK #	DESCRIPTION	PRICE
7467-TL	3pc Bristle Brush Set	\$1.95

1/4" SHAFT 5PC. GRINDING STONE SET

5 piece set of medium grit grinding stones with 1/4" Dia X 1-1/4" long shafts. Set contains 1ea.: Conical (1-1/2" X 1" Dia.); Cone (1" X 3/4" Dia.); Taper cone (1" X 1/2" Dia.); Cylindrical (5/8" X 7/8" Dia.); Ball (1" Dia.)

WT: .3

STOCK #	DESCRIPTION	PRICE
6276-TL	5pc. Grinding Stones	\$3.95



50PC. GRINDING STONE SET

50 piece set of medium grit, grinding stones. 1/4" Dia shafts. Set contains: Conical; Cones; Tapered Cones; Cylindrical; and Rounded.

WT: 2.8

STOCK #	DESCRIPTION	PRICE
6356-TL	50pc. Grinding Stones	\$16.95

1/8" SHAFT 5PC. GRINDING STONE SET

5 piece set of medium grit grinding stones with 1/8" Dia X 1-1/4" long shafts. Set contains 1ea.: Conical (3/4" X 1/2" Dia.); Cone (9/16" X 7/16" Dia.); Taper cone (5/8" X 9/16" Dia.); Cylindrical (1/2" X 7/16" Dia.); Ball (3/8" Dia.)

WT: .3

STOCK #	DESCRIPTION	PRICE
8250-TL	1/8" Shaft Grinding Stones	\$2.95

12" CARBIDE MASONRY DRILL BITS

4 pc. Industrial type bits with carbide tips for drilling through concrete walls, floors, & blocks. Set contains 1/4" 5/16", 3/8", and 1/2". 1/2" bit is turned to fit 3/8" drill chucks.

L: 12"

WT: .9

STOCK #	DESCRIPTION	PRICE
8209-TL	4pc. 12" Masonary Bits	\$9.95

INDUSTRIAL CLEANING BRUSHES

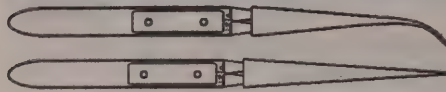
Industrial cleaning brushes available with: Copper bristle, Brass bristle; Nylon bristle; & Stainless steel bristle. Each 7" polypropylene easy grip handle. 1/2" long bristles in a 1-3/8" X 5/16" pattern.

L: 7"

WT: .18

STOCK #	DESCRIPTION	PRICE
8254-TL	Nylon Bristle Brush	\$0.95
8255-TL	Copper Bristle Brush	\$0.50
8256-TL	Stainless Bristle Brush	\$0.50
8257-TL	Brass Bristle Brush	\$0.50

TOOLS



HEAVY DUTY TWEEZERS

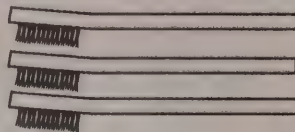
Stainless steel industrial tweezers with fiber grips. Standard pointed nose or bent nose to lower fatigue. Ideal for picking up small components or parts. Squeeze to open.

L: 6-1/2"

WT: .08

STOCK #	DESCRIPTION	PRICE
4979-TL	Bent Nose Tweezers	\$1.95
8249-TL	Stright Nose Tweezers	\$1.95

3PC BRUSH SET



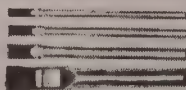
Industrial cleaning brush set has 1 each of the following brushes: brass bristle; Nylon bristle; & Stainless steel bristle. Each 8" curved wood handle brush has 5/8" long bristles in a 1-3/8" X 3/8" pattern.

L: 8"

WT: .22

STOCK #	DESCRIPTION	PRICE
6308-TL	3pc Bristle Brush Set	\$1.99

ACID BRUSHES



Industrial cleaning brushes also known as "Acid" brushes. Horse hair bristle with tin plated steel handles. Available with 3/8", 1/4", 1/2", 3/4" width. **PACKED & SOLD 144/BOX**

L: 7"

WT: 1.5

STOCK #	DESCRIPTION	PRICE
8210-TL	144pc. 1/4" Acid Brushes	\$11.95
8211-TL	144pc. 3/8" Acid Brushes	\$12.95
8212-TL	144pc. 1/2" Acid Brushes	\$14.95
8213-TL	144pc. 3/4" Acid Brushes	\$39.95

ALCOHOL CLEANING PAD



Each individual sealed pack contains a 3" X 8-3/4" white felt pad soaked in isopropanol alcohol. Uses include the cleaning of delicate parts and surfaces such as copy machines, printers etc.

L: 8-3/4" W: 3"

WT: .02

STOCK #	DESCRIPTION	PRICE
5775-CE	Alcohol Pad	\$0.50 \$0.29

1 LB. 60/40 SOLDER



1 lb. spool of 20 AWG 60/40 Tin/Lead, rosin core solder. Standard spool for bench top or tool box. For all electronic uses.

WT: 1.1

STOCK #	DESCRIPTION	PRICE
4457-TL	1lb. 60/40 Solder	\$6.90

BUTANE TORCH

Hand held torch generates a 1300° "C" flame using a butane lighter (included) for ease of refilling. On-off switch and piezo push button starter are located for easy one hand use.

SORRY DUE TO THE BUTANE THIS ITEM CANNOT BE SHIPPED VIA AIR SERVICES

L: 2-3/4" W: 7/8" T: 4-3/8" WT: .2

STOCK #	DESCRIPTION	PRICE
7035-TL	Butane Torch	\$8.95

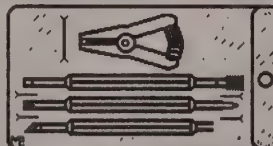
TEMP. CONTROLLED SOLDER STATION

Temperature controlled soldering station with stand and sponge. Rotary control shows set point and can be locked to prevent change in set point. Spike free proportional control with heat sensor located in tip for fast response and +-2% control. Temperature range: 390 deg. "F" to 750 deg. "F". LED goes out when set temp. is reached.

WT: 5.7

STOCK #	DESCRIPTION	PRICE
6566-TL	Solder Station	\$59.95

SOLDERING AID KIT

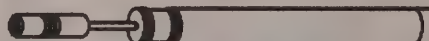


Ease the repair of circuit boards! Plastic pouch holds; a clip-on heat sink for protecting transistors. 3 soldering aids with the following steel tips: flat chisel tip, pointed tip, slotted tip, bent pointed tip, wire brush, and diagonal chisel tip.

WT: .2

STOCK #	DESCRIPTION	PRICE
2477-TL	Soldering Aid Kit	\$2.95

BUTANE PENCIL TORCH



Hand held pencil torch generates a flame of over 1000° "C" using a butane lighter fuel. Aluminum body with brass valve and burner. **Shipped empty due to shipping regulations. Used standard fuel and filler adapter available at most grocery stores**

L: 8" DIA: 1/2" WT: .11

STOCK #	DESCRIPTION	PRICE
7289-TL	Butane Pencil Torch	\$4.95

SOLDER WICK

When placed on a solder connection and heated; this rosin coated copper braid will draw up the melted solder. 4ft on a plastic spool. Ideal for PC board repair, field service, etc.

L: 4ft.

WT: .2

STOCK #	DESCRIPTION	PRICE
2648-TL	Solder Wick	\$0.75

BUTANE IRON/TORCH



ECG # J-500 refillable Butane powered soldering iron. Features see through tank, adj. flame, built in ignitor, interchangeable tips.

1mm & Brazing Tips Included
SHIPPED WITHOUT BUTANE
Replacement Tips Available

WT: .3

STOCK #	DESCRIPTION	PRICE
5084-TL	Butane Soldering Iron	\$19.95



2mm

3mm

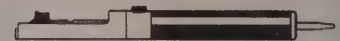
Blower

BUTANE TORCH TIPS REPLACEMENT CONICAL TIPS FOR THE 5084-TL (ECG # J-500) TORCH

WT: .05

STOCK #	DESCRIPTION	PRICE
5086-TL	J-17 2mm Tip	\$2.95
5087-TL	J-19 3mm Tip	\$2.95
5088-TL	J-30 Hot Blower Tip	\$5.95

SOLDER SUCKER



Compact solder sucker with plastic tip and aluminum body; only 7-3/4" long. Ideal for field service or production lines. Ever tried to remove an IC with just an iron? Well a solder sucker makes it a lot easier.

L: 7-3/4"

WT: 1

STOCK #	DESCRIPTION	PRICE
0041-TL	Solder Sucker	\$6.50

SOLDERING IRON



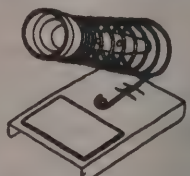
light weight, 30 watt pencil iron with pointed tip. 4ft. 2 wire line cord. Overall length of iron is 8-1/4". Ideal for general shop use.

L: 8-1/2"

WT: .6

STOCK #	DESCRIPTION	PRICE
3028-TL	Soldering Iron	\$3.95

SOLDERING IRON STAND



Metal stand for pencil irons. Spring type, 5" X 3-1/4" base with wiping sponge. High temperature thermo-plastic collar to keep iron handle cool.

L: 5"

W: 3-1/4"

WT: 2

STOCK #	DESCRIPTION	PRICE
4455-TL	Soldering Iron Stand	\$4.50

SOLDERING EQUIPMENT

TEMPERATURE CONTROLLED SOLDER STATION WITH LED BARGRAPH

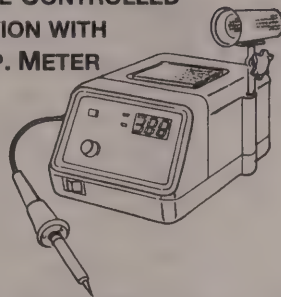


Model DCL-168, adjustable 40W, Electronic temperature controlled soldering station with LED Bargraph display. Half power feature provides for fast response; At idle station switches to 1/2 power; when heat load is sensed full power is applied to tip. Temperature range: 150-450° "C" (300-850° "F"). Preset feature allows you to set desired temperature and station will automatically heat to up that temp. without adjustment. "Zero" voltage switching for low interference. 1mm round Tip supplied. 110 VAC power.

USES REPLACEMENT TIPS 82-TL thru 82-TL
WT: 5

STOCK #	DESCRIPTION	PRICE
8270-TL	LED Bargraph Station	\$79.95

TEMPERATURE CONTROLLED SOLDER STATION WITH DIGITAL TEMP. METER

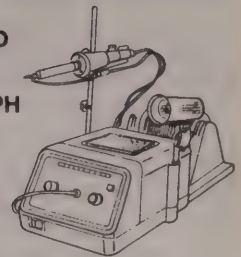


Model DCD-188, adjustable 40W, Electronic temperature controlled soldering station with 3 Digit LED Display of temperature. Selectable "C" or "F" read-out. Half power feature provides for fast response; At idle station switches to 1/2 power; when heat load is sensed full power is applied to tip. Temperature range: 150-450° "C" (300-850° "F"). Preset feature allows you to set desired temperature and station will automatically heat to up that temp. without adjustment. "Zero" voltage switching for low interference. 1mm round Tip supplied. 110 VAC power.

USES REPLACEMENT TIPS 82-TL thru 82-TL
WT: 5

STOCK #	DESCRIPTION	PRICE
8272-TL	Digital Mtr. Solder Station	\$89.95

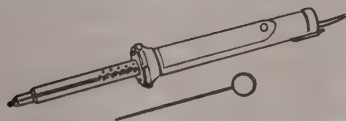
AUTO SOLDER FEED SOLDER STATION WITH LED BARGRAPH



Model DCTL-268, adjustable 40W, Auto feed, electronic temperature controlled soldering station with analog Bargraph display. Automatically feeds solder with the touch of the foot switch or front panel button. Conveniently holds single roll of solder on back of station. Half power feature provides for fast response; At idle station switches to 1/2 power; when heat load is sensed full power is applied to tip. Temperature range: 150-450° "C" (300-850° "F"). Preset feature allows you to set desired temperature and station will automatically heat to up that temp. without adjustment. "Zero" voltage switching for low interference. 1mm round Tip supplied. 110 VAC power.

USES REPLACEMENT TIPS 82-TL thru 82-TL
WT: 5

STOCK #	DESCRIPTION	PRICE
8273-TL	Hands Free Solder Station	\$195.00



SPRING LOADED DESOLDERING IRON

Model D-3, desoldering iron with built-in spring loaded sucker. Hollow tip fits over leads or on pad. Single hand operation. 110 VAC power.

WT: .6

STOCK #	DESCRIPTION	PRICE
8282-TL	One Hand Desolder Iron	\$29.95
8285-TL	Replacement Tip	\$4.95



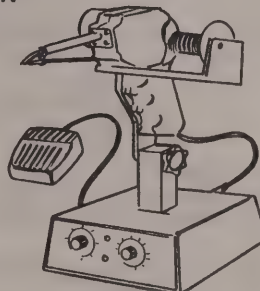
BULB DESOLDERING IRON

Model SC, desoldering iron with squeeze bulb. Can provide both suction or pressure for the removal of solder. 110 VAC power.

WT: .4

STOCK #	DESCRIPTION	PRICE
8280-TL	40W Desoldering Iron	\$9.95
8281-TL	60W Desoldering Iron	\$9.95

INDUSTRIAL AUTO SOLDER FEED SOLDER STATION



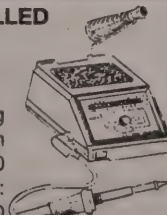
Industrial Model HCT-80, adjustable 80W, Auto feed, electronic temperature controlled soldering station. Heavy duty cast aluminum base & head, steel support post. Automatically feeds preset length (adjustable) of solder with the touch of the foot switch. Conveniently holds single roll of solder on back of head. Temperature range: 200-450° "C" (300-850° "F"). 3 Tips supplied. 110 VAC power.

WT: 6.6

STOCK #	DESCRIPTION	PRICE
8274-TL	Ind. Hands Free Station	\$185.00

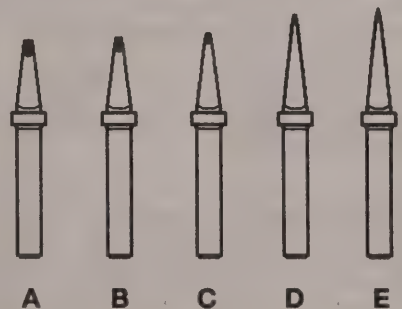
TEMPERATURE CONTROLLED SOLDER STATION

Temperature controlled soldering station. Heat sensor is located in tip for fast response and +-10 deg. control. Temperature range: 300 deg. "F" to 790 deg. "F". LED array for temp. indication. Isolated tip, fused line. 117 VAC



WT: 2

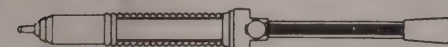
STOCK #	DESCRIPTION	PRICE
4449-TL	Controlled Solder Station	\$69.95



REPLACEMENT SOLDER STATION TIPS

Tips for 8270,72,73-TL, temperature controlled Soldering stations. Different styles for various uses.
WT: .1

STOCK #	DESCRIPTION	PRICE
8275-TL	2.5mm Flat Tip Fig. A	\$2.95
8276-TL	2mm Flat Tip Fig. B	\$2.95
8277-TL	1mm Point Tip Fig. C	\$2.95
8278-TL	1.5mm Point Tip Fig. D	\$2.95
8279-TL	1mm Long Point Tip Fig. E	\$2.95

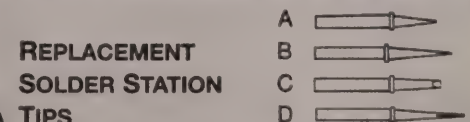


SPRING LOADED DESOLDERING TOOL

Model DS-02T, spring loaded solder sucker. Hollow tip fits over leads or on pad. Single hand operation. Antistatic tip.

WT: .3

STOCK #	DESCRIPTION	PRICE
8283-TL	Desolder Tool	\$8.95
8284-TL	Replacement Tip	\$1.95



REPLACEMENT SOLDER STATION TIPS

Tips for 4449-TL temperature controlled soldering station. Different styles for various uses.
WT: .1

STOCK #	DESCRIPTION	PRICE
4450-TL	1/32 Point Tip Fig. A	\$3.25
4451-TL	1/64 Point Tip Fig. B	\$3.25
4452-TL	1/8 Flat Tip Fig. C	\$3.25
4453-TL	3/64 Flat Tip Fig. D	\$3.25

M.G. CHEMICALS/CLEANING AIDS

RECOGNIZED ISO 9001 QUALITY

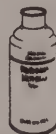
M.G. Chemicals line of solvents and cleaners can be sold to consumers. These products are environmentally friendly and offer new alternatives to CFC's. All products are can be shipped by UPS Ground with no hazardous material charges. Chemicals cannot be shipped Air. All packaging meets UN standards for international shipments



A



B



C



D



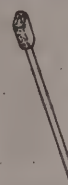
E



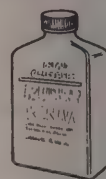
F



G



H



I

SUPER DUSTER

Zero residue, non flammable & non conductive, 100% HFC 134A Gas. Trigger valve allows adjustment of pressure up to 70 PSI. Removes microscopic contaminants, lint, dust, metallic deposits & other soils without solvents.

WT: 1

STOCK #	SIZE OZ	FIG.	DESCRIPTION	--PRICE ea--	
				1+	10+
8220-CE	14	A	Dusting Gas 402A	\$6.45	\$6.26

SUPER COLD SPRAY

Zero residue, non flammable & non conductive, 100% HFC 134A Gas. Variable valve allows adjustment. Chills to -51°C. Locates intermittent components, circuit cracks, & cold solder joints.

WT: 1

STOCK #	SIZE OZ	FIG.	DESCRIPTION	--PRICE ea--	
				1+	10+
8225-CE	14	A	Super Cold 403A	\$7.35	\$6.62

ELECTROSOLVE CONTACT CLEANER

Contact cleaner cleans electrical contacts & connections leaving no residue. Variable valve allows adjustment of flow. Will not detune & is nonconductive & noncorrosive. Use on switches, relays, & contacts. Safe on most plastics. For added cleaning use Chamois swabs or brushes. Product is flammable

WT: 1

STOCK #	SIZE OZ	FIG.	DESCRIPTION	--PRICE ea--	
				1+	10+
8221-CE	12	B	Contact Cleaner 409B	\$7.95	\$7.16

SUPER CONTACT CLEANER

Contact cleaner containing Poly Phenyl Ether. Protects, deoxidizes & lubricates electrical contacts & connections. Protects Gold for life. Meets Bellcore spec. TR-NW-00078. Works on all metals. Use on switches, relays, & terminals. Safe on most plastics. Product is flammable

WT: 1

STOCK #	SIZE OZ	FIG.	DESCRIPTION	--PRICE ea--	
				1+	10+
8226-CE	5	C	Super Contact Cleaner 801B	\$6.45	\$5.81

P.C. BOARD FLUX REMOVER

Unique combination of high solvency alcohols. Rapid evaporation with no residue. Variable valve allows adjustment of flow. Removes all organic rosin & ionic soils found in soldering applications. Safe with most plastics. Product is flammable

WT: 1

STOCK #	SIZE OZ	FIG.	DESCRIPTION	--PRICE ea--	
				1+	10+
8222-CE	14	A	Flux Remover 414C	\$6.25	\$5.63

EPOXY POTTING COMPOUND

2 part epoxy protects circuit boards against shock, moisture, corrosion as well as providing security. .5% cure shrinkage. Yield compression: 12,400PSI. Service Temp.: -50° C to +121° C. Dielectric constant @ 60Hz: 3.23, @ 1KHz: 3.19, @ 1MHz: 2.99, Volume resistivity /CM: 1.22X10¹⁶. Available Clear or Opaque Black

WT: 1

STOCK #	SIZE OZ	FIG.	DESCRIPTION	--PRICE ea--	
				1+	5+
8227-CE	12	D	Clear Potting Compound 832C	\$16.75	\$15.08
8228-CE	12	D	Black Potting Compound 832B	\$16.75	\$15.08

SILICONE CONFORMAL COATING

Silicone coating with UV indicator protects circuit boards against moisture, corrosion with a clear coating. Remains flexible from -65° C to +200° C. Dielectric strength: 80KV/mm; Dielectric constant @ 100Hz: 2.7, Volume resistivity /CM: 1X10¹⁴. UL/CSA listed, Meets MIL-I-46058CC type SR. Product is flammable

WT: 1

STOCK #	SIZE OZ	FIG.	DESCRIPTION	--PRICE ea--	
				1+	10+
8223-CE	12	B	Silicone Conformal Coat 422A	\$12.45	\$11.21

CHAMOIS CLEANING SWABS

Quality Antistatic cleaning swabs with 3/8" wide synthetic chamois tips for durable, contamination free cleaning. Special plastic handles are designed to be bent to reach difficult locations. Available single or double ended.

WT: 1

STOCK #	FIG.	DESCRIPTION	PRICE 50pk
8230-CE	E	4" Long Single Tip Chamois Swabs 810	\$16.90
8231-CE	F	5" Long Double Tip Chamois Swabs 810D	\$19.95

RUBBER RENUE

Rejuvenates and conditions rubber. Specifically designed for use on copy machine, printer, or FAX machine rollers, belts and platens. Removes oxidation film and contaminants.

WT: 1

STOCK #	SIZE OZ	FIG.	DESCRIPTION	--PRICE ea--	
				1+	15+
8236-CE	8.5	I	Rubber Rejuvenator 408A	\$6.49	\$5.84

FOAM CLEANING SWABS

Quality Anti-static cleaning swabs for cleaning of sensitive equipment. Foam tips are heat sealed to Polypropylene handles. Packed in Anti-static resealable bags. Polyurethane tip for aggressive cleaning

Handle L: 5-6"

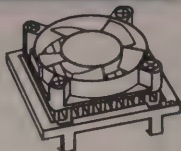
WT: .5

STOCK #	TIP WIDTH	FIG.	DESCRIPTION	PRICE 50pk
8233-CE	1/8"	G	Urethane Foam Head Swabs 813	\$11.25
8234-CE	3/4"	H	Urethane Foam Head Swabs 814	\$12.85

HEAT SINKS/COOLERS

NEW LOWER PRICE

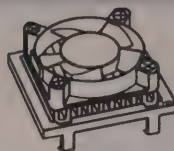
486 CPU COOLER



Designed to "snap-on" standard or ZIF Pin Grid sockets without removing CPU. 12VDC .8W, 5.2 CFM air flow, 23dBA noise level UL Fan. Anodized Aluminum heatsink. "Pass-Through" power cable adaptor. UL Listed

STOCK #	DESCRIPTION	PRICE
5684-FN	486 Cooler	\$8.95

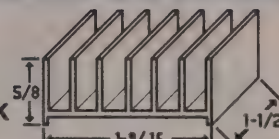
586-90 CPU COOLER



Designed to "snap-on" ZIF Pin Grid sockets. Requires removing P-5 90MHz CPU. 12VDC .9W, 5.2 CFM air flow, 22.8dBA noise level Anodized Aluminum heatsink. "Pass-Through" power cable adaptor. UL Listed

STOCK #	DESCRIPTION	PRICE
6922-FN	586 Cooler	\$9.95

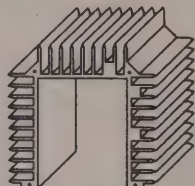
CPU HEATSINK



Natural aluminum finned heatsink. Designed for a clone computer maker. Ideal for cooling hot 386 CPU's & other LSI chips. Attached with epoxy or spring clips (not supplied).

STOCK #	DESCRIPTION	PRICE
4785-HS	CPU Heatsink	\$2.95

LARGE ODD HEATSINK



Black anodized, finned heatsink in an unusual "U" shape. Room to mount small boards. 2-1/4" across the inside of the "U"

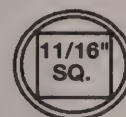
STOCK #	DESCRIPTION	PRICE
7210-HS	"U" Heatsink	\$6.95

TO-220 HEATSINK



Vertical mount, black anodized aluminum heatsink. wide, with a 1/8" dia. hole 13/16" from bottom. Two pin for insertion in board. Holds TO-220 or TO-218 type devices.

STOCK #	DESCRIPTION	PRICE
7016-HS	TO-220 Heatsink	\$1.50

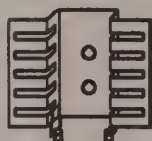


I.C. HEATSINK

Thermalloy 13103 heatsink designed to mount on top of a 11/16" square chip. Attaches with Thermal epoxy (Not supplied)

STOCK #	DESCRIPTION	PRICE
4898-HS	IC Heatsink	\$1.00

TO-220 HEATSINK



Thermalloy THM6072 Heatsink. Vertical mount, with 2 holes: one 1/2" from top & the other 1/2" from bottom. Holds single or two back to back TO-220 type devices. Solderable mounting clips for pc board mounting

STOCK #	DESCRIPTION	PRICE
7400-HS	TO-220 Heatsink	\$0.25

TO-220 HEATSINK



Vertical mount, with hole 1/2" from top. Holds single or two back to back TO-220 type devices

STOCK #	DESCRIPTION	PRICE
1417-HS	TO-220 Heatsink	3/\$1.25

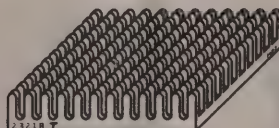
TO-3 HEATSINK



Black anodized heatsink holds a single TO-3 style device. 6-32 threaded inserts in bottom.

STOCK #	DESCRIPTION	PRICE
7951-HS	TO-3 Heatsink	\$0.35

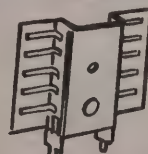
PIN GRID HEATSINK



Thermalloy 2321B black anodized heatsink. Designed for 17X17 Pin Grid devices. Ideal for cooling CPU's & other Pin Grid LSI chips. May be attached with epoxy or spring clips (not supplied)

STOCK #	DESCRIPTION	PRICE
5650-HS	Thermalloy Pin Grid Sink	\$1.95

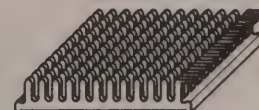
TO-220 HEATSINK



Thermalloy THM-6072, vertical mount, black anodized aluminum heatsink. Integral screw to hold device. Two solderable support pins for insertion in board. Holds single TO-220 type devices.

STOCK #	DESCRIPTION	PRICE
8322-HS	TO-220 Heatsink	\$0.35

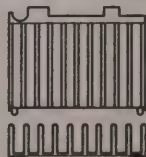
CPU HEATSINK



Aavid # X-cut/intel, Black anodized heatsink. Designed for a clone computer maker. Ideal for cooling CPU's & other LSI chips. May be attached with epoxy or spring clips (not supplied).

STOCK #	DESCRIPTION	PRICE
6667-HS	Aavid LSI Heatsink	\$1.95

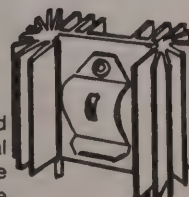
SMALL LSI HEATSINK



Thermalloy 2303B black anodized heatsink. Clips into Textool #268-5400 IC socket in place of clamp. Ideal for cooling 286 CPU's & other leadless LSI chips.

STOCK #	DESCRIPTION	PRICE
5189-HS	Small LSI Heatsink	\$0.50

TO-218 HEATSINK



Vertical mount, black anodized aluminum heatsink. Integral clip to hold device without the need for screw. Two solderable support pins for insertion in board. Holds single TO-218 type devices.

STOCK #	DESCRIPTION	PRICE
8318-HS	TO-218 Heatsink	\$0.95

DIP IC HEATSINKS



Anodized aluminum heatsinks for 14 or 16 DIP IC's. Provides extra heat dissipation for regulators, op-amps.

A: slide on and locks.
B: held by epoxy or heatsink compound. (Not Supplied)

STOCK #	DESCRIPTION	PRICE
2570-HS	Fig. A DIP Heatsink	3/\$0.99
4207-HS	Fig. B DIP Heatsink	5/\$1.00

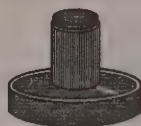
KNOBS



A



C



D



E



F



G



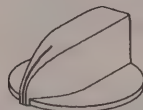
H



I



J



K



L



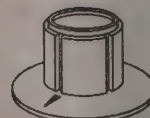
M



N



O



P

STOCK#	FIG.	SHAFT	DIA.	HT.	MAT.	FINISH	DESCRIPTION	SCREWS	WT	PRICE
7501-KN	A	1/8	3/4	1/2	Plastic	Black	Pointer Knob with White Indicator line	Dual	.009	\$0.60
7503-KN	C	1/4	2	7/8	Plastic	Black	Lever Knob with White Indicator Arrow	Dual	.022	\$1.50
5835-KN	D	1/4	1	1	Alum	Black	Fancy Skirted Alco White Indicator Line	Dual	.018	\$0.75
3003-KN	F	1/8-1/4	1/2-3/4	1/2-5/8	Plastic	Black	Concentric Set Top has Spun Alum Inlay NO Line	Dual/Dual	.10	\$1.00
4505-KN	G	1/8	.63	.56	Plastic	Red/Black	Pair Alco PKG-60 White Indicator Line Spun Alum Inlay	Sing/Sing	.05	\$1.40
8344-KN	H	1/4	.63	.56	Plastic	Red	Alco PKG-60 White Indicator Line Spun Alum Inlay	Single	.02	\$0.70
4502-KN	H	1/8	.63	.56	Plastic	Red	Alco PKG-60 White Indicator Line Spun Alum Inlay	Single	.02	\$0.70
4503-KN	H	1/8	.74	.56	Plastic	Red	Alco PKG-70 White Indicator Line Spun Alum Inlay	Single	.02	\$0.75
4504-KN	H	1/8	.86	.56	Plastic	Red	Alco PKG-90 White Indicator Line Spun Alum Inlay	Single	.02	\$0.95
6346-KN	I	1/4	7/8	9/16	Plastic	Black	Skirted Knob with White Indicator Line on Skirt	Single	.01	\$0.50
7706-KN	J	1/4	1-3/4	7/8	Plastic	Black	Large Dia. Knob with Spun Alum. Inlay	Dual	.02	\$1.95
5834-KN	K	1/4	1-1/8	5/8	Plastic	Black	Pointer Knob with White Indicator line	Single	.02	\$0.55
6491-KN	L	1/4	1	11/16	Plastic	Black	Spun Alum. Inlay with White Indicator line Recessed in Top	Single	.02	\$0.50
7277-KN	M	1/8	9/16	9/16	Plastic	Black	Alum. Ring on Top NO Indicator line	Dual	.007	\$0.40
7709-KN	N	1/8	9/16	9/16	Plastic	Black	Collet Style with White Line on Top & Side	Collet	.016	\$0.95
4653-KN	O	1/4	5/8	7/16	Plastic	Black	Spun Alum Inlay NO Indicator line	Single	.01	\$0.75
5166-KN	P	1/4 D	1-1/8	5/8	Plastic	Gray	Black Indicator Line Spun Alum Inlay for "D" Shaft	None	.02	\$0.95



B



C



E



F



G



H



I



K



L



M



N



O

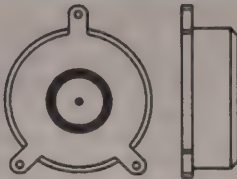


P

STOCK#	FIG.	SHAFT	DIA.	HT.	MAT.	FINISH	DESCRIPTION	SCREWS	WT	PRICE
7507-KN	B	1/4 D	1-1/4	1/2	Plas/Al	Natural	Press onto shaft - Plastic with Aluminum Cover-Blk Line	None	.018	\$0.35
7711-KN	C	1/4	1-1/2	5/8	Alum	Black	Black with Brite Alum. Ring at top White Dot Indicator	Missing	.09	\$0.75
7198-KN	E	1/4	7/8	5/8	Plastic	Black	Waldom 6129 Pull or Twist Knob No Indicator Line	Single	.02	\$0.50
7170-KN	E	1/4	7/8	5/8	Plastic	Red	Waldom Pull or Twist Knob No Indicator Line	Single	.02	\$0.65
7174-KN	F	1/4	7/8	5/8	Plastic	Black	Waldom 6129 Pull or Twist Knob Gold Indicator Arrow	Single	.02	\$0.65
7733-KN	G	1/8	9/16	7/16	Plastic	Black	Spun Alum. Inlay Black Indicator line on Top	Dual	.01	\$0.50
7184-KN	H	1/4	1-1/4	5/8	Plastic	Dk. Red	Pointer with White Indicator Line	Single	.02	\$0.65
7185-KN	H	1/4	1-1/4	5/8	Plastic	Dk. Red	Pointer with White Indicator Line	Dual	.02	\$0.65
7705-KN	H	1/4	1-1/4	5/8	Plastic	Black	Pointer with White Indicator Line	Single	.02	\$0.65
7959-KN	I	1/8	11/16	3/4	Plastic	Black	Rogan 671-007 with Spun Alum. Inlay No Line	Dual	.02	\$0.65
7202-KN	K	1/8	5/8	9/16	Alum	Natural	Lition 627-20 No Indicator Line	Single	.02	\$1.50
7703-KN	L	1/4	2	3/4	Plastic	Gray	Gray Body /Clear Skirt & Spun Alum. Cap	Missing	.03	\$2.20
7204-KN	M	1/4	1	9/16	Alum	Natural	Lition 555 20 Skirted Knob with No Indicator Line	Dual	.02	\$2.00
5759-KN	N	1/4 D	1/2	13/16	Plastic	Black	Spun Alum. Inlay Black Indicator Dot for "D" Shaft	None	.005	\$0.45
7508-KN	O	1/4	1-1/4	3/4	Plastic	Black	Skirted Knob with Spun Alum. Inlay White Indicator Line	Single	.026	\$0.75

MAGNETS

LARGE MAGNET



Strong, Donut shaped Ferrite magnet assembly. Magnet is 3-3/4" Dia. X 3/4" Thick. Cemented in a steel frame with center pole piece.

L: 4-1/2" W: 3-3/4" T: 1-1/4" WT: 2.9

STOCK #	DESCRIPTION	PRICE
7069-MG	Cup Magnet	\$8.95

FERRITE POLE MAGNETS



Pair of Ferrite magnet assemblies each containing 2 trapezoidal magnets between 2 steel plates supported by steel spacers. Each magnet is 1/4" Thick X 5/8" tall X 3/4" wide (max).

L: 2-1/4" W: 1-1/8" T: 1/2" WT: .23

STOCK #	DESCRIPTION	PRICE
8716-MG	Dual Magnet Assembly	\$1.95

SMALL CURVED RARE EARTH MAGNET

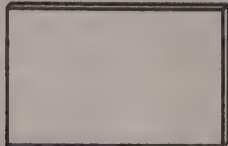


These very strong rare earth (Neodymium) magnets were made for use as pole magnets in motors. Curved 7/8" long X 3/4" wide X 1/8" thick.

L: 7/8" W: 3/4" T: 1/8" WT: .03

STOCK #	DESCRIPTION	PRICE
6309-MG	Curved Rare Earth Mag.	\$1.50

FLAT FERRITE MAGNET



Flat plate ferrite magnets designed from some Mil equipment.

L: 2-7/16" W: 1-3/4" T: 1/8" WT: .1

STOCK #	DESCRIPTION	PRICE
7701-MG	Flat Magnet	\$1.50

MAGNET WAND

White plastic handle contains rubberized disc magnet. Used to test/separate ferrous parts from others. Ideal for school science or for checking out those soda cans for recycling.

L: 1-1/16" Dia: 11/16" WT: .11

STOCK #	DESCRIPTION	PRICE
6312-MG	Wand Magnet	\$0.50

RARE EARTH MAGNET



Very strong magnets with no coating. Used as pole magnets. Curved non-symmetrical but 5/8" long X 1/2" wide & 1/8" thick.

L: 5/8" W: 1/2" T: 1/8" WT: .01

STOCK #	DESCRIPTION	PRICE
7452-MG	Uncoated Magnet	\$1.25

RARE EARTH MAGNET



Very strong rare earth (Neodymium) magnets with white epoxy coating. Used as pole magnets. Curved non-symmetrical but 5/8" long X 1/2" wide & 1/8" thick.

L: 5/8" W: 1/2" T: 1/8" WT: .01

STOCK #	DESCRIPTION	PRICE
7456-MG	White Rare Earth Magnet	\$1.25

RARE EARTH MAGNET



Strong rare earth (Neodymium) magnets were made for use as pole magnets in pancake motors. Curved symmetrical.

L: 1" W: 3/4" T: 1/8" WT: .01

STOCK #	DESCRIPTION	PRICE
7450-MG	Rare Earth Magnet	\$1.50

RARE EARTH MAGNET

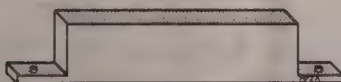


These very strong nickel plated, rare earth (Neodymium) magnets were made for use as pole magnets in pancake motors. Curved non-symmetrical.

L: 3/4" W: 9/16" T: 7/32" WT: .01

STOCK #	DESCRIPTION	PRICE
6388-MG	Plated Rare Earth Magnet	\$1.50

MAG SWITCH MAGNET



Also RS-200 incased magnet for use with alarm systems, ivory plastic case with mounting holes on 2-1/8" centers.

L: 2-1/2" W: 1/2" H: 9/16" WT: .1

STOCK #	DESCRIPTION	PRICE
2471-MG	Switch Magnet	2/\$1.00

RARE EARTH MAGNET



Very strong rare earth (Neodymium) magnets were made for use as pole magnets. Curved non-symmetrical but 7/8" long X 3/8" wide & 1/8" thick.

L: 7/8" W: 3/8" T: 1/8" WT: .01

STOCK #	DESCRIPTION	PRICE
6390-MG	Rare Earth Magnet	\$1.40

LARGE RARE EARTH MAGNET

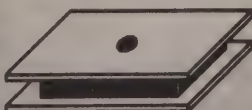


Strong rare earth magnets with white epoxy coating. Used for use as pole magnets. Curved but not quite symmetrical.

L: 1-1/2" W: 7/8" T: 3/32" WT: .02

STOCK #	DESCRIPTION	PRICE
7454-MG	Large Rare Earth Magnet	\$1.40

MAGNET CATCHES



Rubberized Magnetic cabinet catch. Magnet is 1-1/2" X 1" X 1/4" thick with 2 metal plates that measure 1-3/4" X 1-1/4" that form the pole pieces. 3/16" hole in center for mounting. For cabinets, panels or doors.

L: 1-3/4" W: 1-1/4" T: 3/8" WT: .2

STOCK #	DESCRIPTION	PRICE
6563-MG	Magnet Catches	\$0.50

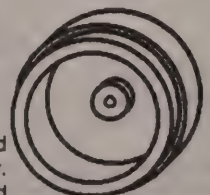


**CREDIT CARD-COD
ORDERS TAKEN BY PHONE
9:00 AM - 4:30 PM (EASTERN)
MONDAY - FRIDAY**

**CALL
561-848-8236
ORDERS ONLY**

**CALL
1-800-652-6733**

CUP MAGNET



Really the magnet and end bell out of a small DC motor. Ferrite magnet is cemented in steel housing 1-3/4" dia. X 5/8" thick. Magnet is 1/8" thick ring, 9/16" wide X 1-5/8" dia.

Dia: 1-3/4" T: 5/8" WT: .13

STOCK #	DESCRIPTION	PRICE
6305-MG	Cup Magnet	\$0.50

TV ACCESSORIES

WIDEBAND SPLITTERS

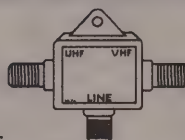


5-900MHz hybrid splitters for antenna/Cable/CATV systems. 20dB iso. Die-cast housings.
2 Port Insertion loss: 3.5db all ports
3 Port Insertion loss: port1=3.5 ports 2&3=6.5db
4 Port Insertion loss: 6.5db all ports

WT: .3

STOCK #	DESCRIPTION	PRICE
4247-TV	2 Port Splitter	\$0.98
4248-TV	3 Port Splitter	\$1.35
4249-TV	4 Port Splitter	\$1.65

UHF/VHF SPLITTER



5-900MHz hybrid U/V splitter/combiner. For antenna/Cable/CATV systems. Power passive on VHF tap. Die-cast case. Lo band Rej.=20dB min. Hi band Rej.=30dB min. insertion loss=.5dB VHF/.8dB UHF

WT: .2

STOCK #	DESCRIPTION	PRICE
4250-TV	UHF/VHF Splitter	\$1.99

IN-LINE AMPLIFIER

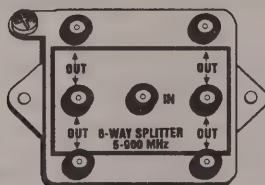


10dB, remote powered line amp. 5-950MHz bandwidth, DC pass thru for powering other amps. Uses 15VDC supplied on the 75 ohm coax by remote power injector & plug transformer. DC Block required in some applications (Sold sep.)

WT: .2 Amp only 1.1 Amp & Supply

STOCK #	DESCRIPTION	PRICE
4260-TV	Amplifier Only	\$9.95
4501-TV	Amplifier & Supply	\$19.95

6 PORT SPLITTER



5-900MHz hybrid 6 port splitter for antenna/Cable/CATV systems. 10dB isolation, Die-cast housings.

WT: .4

STOCK #	DESCRIPTION	PRICE
5284-TV	6 Port Splitter	\$3.75

UHF/VHF SPLITTER

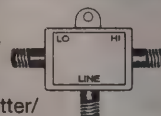


UHF/VHF indoor splitter with 75 ohm to 300 transformer on the UHF output. 75 ohm input, 75 ohm VHF output, 300 ohm UHF output. "F" female input, 5" VHF coax with male "F" connector, 5" UHF twin lead with spade lugs.

WT: .1

STOCK #	DESCRIPTION	PRICE
4255-TV	UHF/VHF Splitter	\$1.95

VHF BAND SPLITTER



54-216 MHz hybrid Lo/Hi splitter/combiner. Separates or combines VHF Lo Band (Ch 2-6 +FM) and Hi Bands (Ch 7-13). Power passive on Lo tap. Die-cast case.

Insertion loss=.5dB
Cross Band Rejection:

Lo band =22dB min. Hi band =30dB min.

WT: .2

STOCK #	DESCRIPTION	PRICE
5033-TV	VHF Band Splitter	\$1.99



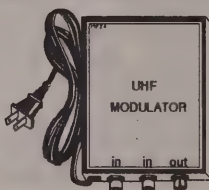
MATCHING TRANSFORMERS

"75 ohm to 300 ohm matching transformers. 5" 300 ohm twin lead with spade lugs to 75 ohm "F" female

WT: .1

STOCK #	DESCRIPTION	PRICE
4256-TV	Indoor Transformer	\$0.49
4257-TV	Outdoor Transformer	\$0.75

UHF MODULATOR

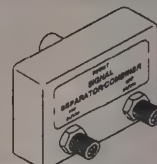


UHF RF modulator accepts video and audio signals and outputs a UHF signal to your TV etc. Output channel adjustable from 14 to 32

WT: 1

STOCK #	DESCRIPTION	PRICE
4258-TV	UHF Modulator	\$45.95

75 OHM UHF/VHF SPLITTER



5-900MHz U/V splitter/combiner. For antenna/Cable/CATV systems. Indoor use only. 75 ohm on all ports. Push-on "F" male in/out with "F" females for UHF & VHF connectors

WT: .2

STOCK #	DESCRIPTION	PRICE
5955-TV	UHF/VHF Splitter	\$1.95

VHF-FM AMPLIFIER

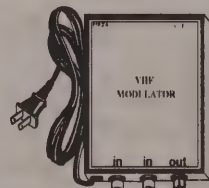


VHF amplifier to boost your signal 10dB. Metal case with 110VAC line cord. Female "F" input & output connectors. Lightning protected. Used to boost signal in remote areas or before splitting to multiple sets.

WT: 1

STOCK #	DESCRIPTION	PRICE
4263-TV	VHF-FM Amplifier	\$9.95

VHF MODULATOR

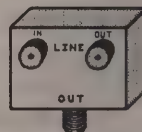


VHF RF modulator accepts video and audio signals and outputs a VHF signal to your TV etc. Output channel adjustable for 3 or 4

WT: 1

STOCK #	DESCRIPTION	PRICE
5584-TV	VHF Modulator	\$38.95

WALLPLATE MOUNT UHF/VHF SPLITTER



5-890MHz Hybrid splitter for antenna/Cable/CATV systems. 20dB isolation. Insertion Loss: 3.5dB on VHF; 7dB on UHF. Horizontal mount on a wall plate. Fits in standard electrical box.

WT: .2

STOCK #	DESCRIPTION	PRICE
5057-TV	UHF/VHF Wallplate Splitter	\$1.25

VHF/UHF AMPLIFIER



VHF/UHF/FM line amplifier. Gain: VHF=25dB; UHF=23dB. Switchable 20dB FM trap. Metal case with 110VAC line cord. Female "F" input & output connectors. "ON" light. Lightning protected.

WT: 1

STOCK #	DESCRIPTION	PRICE
4264-TV	VHF/UHF Amplifier	\$21.95

MAST AMPLIFIER

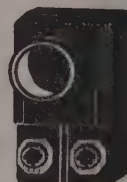


Mast mount VHF/UHF amplifier. 75 or 300 ohm input or output. Gain: VHF=26dB, UHF=22dB, switchable FM trap. Indoor remote 117VAC power supply. Lightning protected.

WT: 1.2

STOCK #	DESCRIPTION	PRICE
4285-TV	Mast Amplifier	\$29.95

PUSH-ON MATCHING TRANSFORMER



Push on matching transformer, Input 300 Ohms screw type output 75 Ohm push on side.

WT: .05

STOCK #	DESCRIPTION	PRICE
4902-TV	Push-on Transformer	\$0.64

TV ACCESSORIES

ATTENUATOR PADS



DC-1GHz Attenuator Pads. 20 Db Return Loss. Male-Female "F" Connectors.

WT: .1

STOCK #	DESCRIPTION	PRICE
5044-TV	3db Pad	\$1.95
5045-TV	6db Pad	\$1.95
5046-TV	10db Pad	\$1.95
5047-TV	12db Pad	\$1.95
5048-TV	17db Pad	\$1.95
5049-TV	20db Pad	\$1.95

CABLE SURGE PROTECTOR



In-line limiter protects cable connected equipment. Male "F" to female "F". Switch time <100nS, Max surge=5000A, parallel resistance=10000 Meg. ohms, Switched resistance=near 0 ohms. .2dB insertion loss, Power passive to 50VDC/AC P/P, 36 Vac RMS, 10 A max.

WT: .2

STOCK #	DESCRIPTION	PRICE
4251-TV	Surge Protector	\$4.49

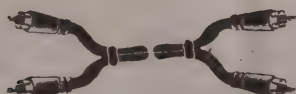
"F" CONNECTOR WALL PLATE



F-81 connector mounted in a standard flush mount wall plate.

L: 0" W: 0" H: 0" WT: .1

STOCK #	DESCRIPTION	PRICE
4901-TV	Ivory Wall Plate	\$0.75
5058-TV	White Wall Plate	\$0.75



DUAL PATCH CABLES WITH RCA PLUGS

Dual cables for audio or video equipment patching

STOCK#	DESCRIPTION	WT.	PRICE
4903-TV	3ft Dual Patch Cable	.1	\$1.25
4904-TV	6ft Dual Patch Cable	.2	\$1.50
4905-TV	12ft Dual Patch Cable	.5	\$1.95

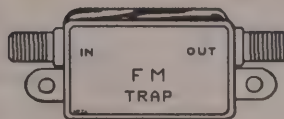


SINGLE PATCH CABLES WITH RCA PLUGS

Single cables for audio or video equipment patching

STOCK#	DESCRIPTION	WT.	PRICE
4906-TV	6ft Patch Cable	.1	\$0.95
4907-TV	12ft Patch Cable	.2	\$1.40

FM TRAP



FM trap removes FM signals from TV cables. Bandwidth=5-890MHz, rejection=-20dB min @ 95-108MHz. Insertion loss=.3dB/VHF, .5dB UHF. Power passive. Male "F" in/out.

WT: .2

STOCK #	DESCRIPTION	PRICE
4252-TV	FM Trap	\$2.79

DC BLOCK

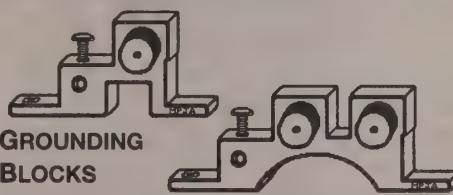


10KHz-1GHz voltage blocking coupler. Blocks & isolates DC and 60Hz power used by in-line or mast mounted amp/pre-amps from entering your down side cable lines to TV's and Converters etc. Male "F" Connector to female "F" Connector.

WT: .1

STOCK #	DESCRIPTION	PRICE
4253-TV	DC Block	\$1.75

GROUNDING BLOCKS



"F-81" connector grounding blocks. Provides a ground connection to shield of coax cable lines etc.

WT: .1

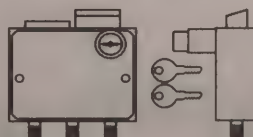
STOCK #	DESCRIPTION	PRICE
5060-TV	Single Grounding Block	\$0.59
5061-TV	Dual Grounding Block	\$0.99

UL COAX CABLES

UL listed CATV cables. Convenient lengths of black RG-6 cable. With strain relieved male "F" connectors on both ends. Suitable for commercial installations. 64% braid & 100% foil shield.

STOCK#	DESCRIPTION	WT.	PRICE
5948-TV	15ft UL RG-6 Cable	.7	\$2.99
5949-TV	25ft UL RG-6 Cable	1	\$4.25
5950-TV	50ft UL RG-6 Cable	2.2	\$7.50
5951-TV	75ft UL RG-6 Cable	3.1	\$9.95
5952-TV	100ft UL RG-6 Cable	4.2	\$13.95
5953-TV	150ft UL RG-6 Cable	6.2	\$17.95

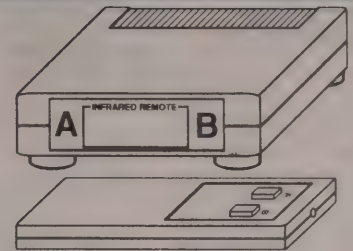
LOCKING A/B SWITCH



A/B Push Button switch, 75 Ohm inputs & output with "F" female connectors. Lock prevents use of "A" position. Key removable locked or unlocked. Supplied with 2 Keys.

WT: .2

STOCK #	DESCRIPTION	PRICE
5283-TV	Locking A-B Switch	\$7.90



I/R REMOTE A/B SWITCH

Infrared remote controlled A/B switch. LED to indicate source in use. Switch between 2 Sources such as: Cable & Antenna or 2 Antennas. Can also be used two Switch antenna between 2 TV's or VCRs

Impedance: 75 Ohm

Connectors: "F" female.

Bandwidth: 5-1800 MHz

Insertion Loss: 5-860MHz=1dB

900-1800MHz=1.5dB

Isolation: 5-550 MHz =60dB

550-860 MHz =55dB

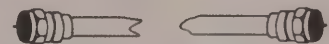
900-1800 MHz= 35dB

Power: 120 VAC

Base Unit Size:

W: 4-1/4" D: 3-3/4" H: 1-1/4" WT: 1

STOCK #	DESCRIPTION	PRICE
5279-TV	Infrared A-B Switch	\$39.95

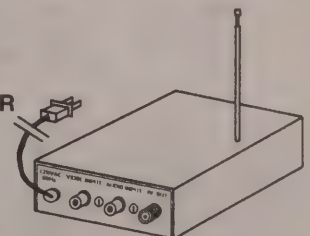


COAX CABLES

Black RG-59 made up in convenient lengths. Male "F" connectors on both ends.

STOCK#	DESCRIPTION	WT.	PRICE
4269-TV	3ft RG-59 Cable	.1	\$1.29
4271-TV	6ft RG-59 Cable	.2	\$1.55
4273-TV	12ft RG-59 Cable	.4	\$2.45
4275-TV	100ft RG-59 Cable	4	\$12.95

UHF VIDEO TRANSMITTER



UHF Modulator/transmitter transmits from your VCR or other equipment with Audio/Video outputs to TVs with UHF antenna. Also has RF output "F" connector for in-house cable. Ideal for taking the output of your Camcorder/security camera to a remote TV or VCR. 115VAC powered

Transmitter: Max Range: 100ft.

Inputs: RCA Female 1ea Audio & Video

1VP/P both audio & Video

Output: RF: <500uV/m @ 30m NTSC

Antenna Imp. 70 ohms

"F" connector Imp: 75 Ohm Nom.

Rod antenna & "F" connector.

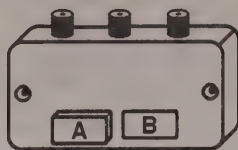
Channel factory set to 19. User adjustable from 14-26

L: 5-1/4" W: 3-3/8" H: 1-1/2" WT: 1.1

STOCK #	DESCRIPTION	PRICE
7888-TV	Video Transmitter	\$49.95

TV ACCESSORIES

DELUXE COAX A/B SWITCH

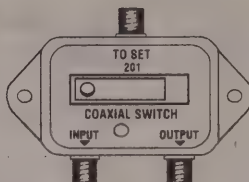


A/B Push Button switch, 75 Ohm inputs and output with "F" female connectors.

WT: .4

STOCK #	DESCRIPTION	PRICE
7018-TV	Deluxe A/B Switch	\$5.95

COAX A/B SLIDE SWITCH



A/B slide switch, with 3 "F" female connectors. 75 Ohm inputs and output.

WT: .2

STOCK #	DESCRIPTION	PRICE
4900-TV	A/B Slide Switch	\$1.95

CATV 1 PORT LINE TAPS

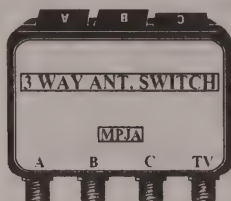
Isol. db	--Insert VHF--	loss--db--UHF
7	1.0	1.5
12	.6	1.0
17	.5	1.0
23	.5	1.0

Maintains 75ohm impedance on line. Select by isolation needed, 5-850MHz. AC/DC Isolated

WT: .2

STOCK#	DESCRIPTION	PRICE
5034-TV	7db 1 Port Line Tap	\$1.95
5035-TV	12db 1 Port Line Tap	\$1.95
5036-TV	17db 1 Port Line Tap	\$1.95
5037-TV	23db 1 Port Line Tap	\$1.95

DELUXE COAX A/B/C SWITCH



A/B/C Push Button switch, 75 Ohm inputs and output with "F" female connectors.

WT: .4

STOCK #	DESCRIPTION	PRICE
5282-TV	Deluxe A/B/C Switch	\$11.95

CATV 2 PORT WALL PLATE LINE TAPS

Tap value	Insert Loss	Line Iso.
24db	.5db	40db
27db	.5db	40db
30db	.5db	40db

Maintains 75ohm impedance on line. Select by isolation needed, 5-600MHz. Fit in Std. elect. Box

WT: .2

STOCK#	DESCRIPTION	PRICE
6953-TV	24db 2 Port Wall Tap	\$2.90
6954-TV	27db 2 Port Wall Tap	\$2.90
6955-TV	30db 2 Port Wall Tap	\$2.90

CATV 2 PORT LINE TAPS

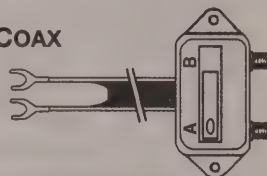
Isol. db	--Insert VHF--	loss--db--UHF
12	1.5	2.5
17	1.3	2.0
23	1.0	1.5

Maintains 75ohm impedance on line. Select by isolation needed, 5-850MHz. AC/DC Isolated

WT: .2

STOCK#	DESCRIPTION	PRICE
5038-TV	12db 2 Port Line Tap	\$4.25
5039-TV	17db 2 Port Line Tap	\$4.25
5040-TV	23db 2 Port Line Tap	\$4.25

TWIN LEAD & COAX A/B SLIDE SWITCH



A/B slide switch with built-in transformer. Two 75 Ohm inputs with "F" female connectors, 300 ohm output lead with lugs

WT: .2

STOCK #	DESCRIPTION	PRICE
5031-TV	Twin Lead A/B Switch	\$1.95

75 OHM TERMINATOR



Two 75 Type "F" male 75 ohm terminator. .5 Watt Max. Used to properly terminate CCTV etc. Drop Lines and Monitors.

WT: .01

STOCK #	DESCRIPTION	PRICE
5456-RC	75 ohm Terminator	\$0.33

CATV 4 PORT LINE TAPS

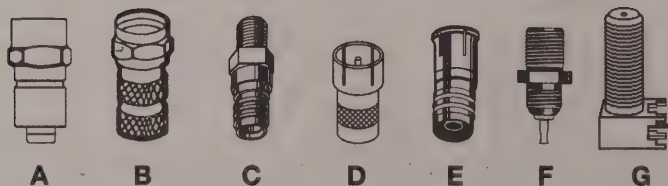
Isol. db	--Insert VHF--	loss--db--UHF
12	1.5	3.5
17	1.3	2.5
23	1.0	2.0

Maintains 75ohm impedance on line. Select by isolation needed, 5-850MHz. AC/DC Isolated

WT: .3

STOCK#	DESCRIPTION	PRICE
5041-TV	12db 4 Port Line Tap	\$5.30
5042-TV	17db 4 Port Line Tap	\$5.30
5043-TV	23db 4 Port Line Tap	\$5.30

"F" TYPE CONNECTORS

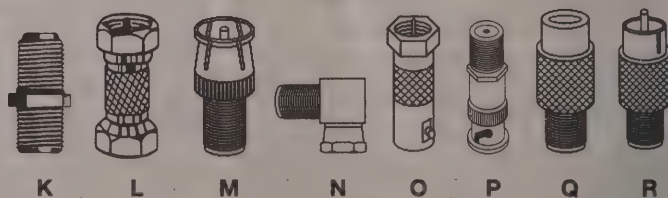


Type "F" connectors are used in almost all Antenna and Cable TV Applications

WT: .01

STOCK#	FIG.	TYPE	CABLE	DESCRIPTION	PRICE
0538-RC	A	F-59	59U	Male Cable Attached 1/4 Ring	\$0.20
5450-RC	A	F-56	6U	Male Cable Attached 1/4 Ring	\$0.20
0563-RC	B	F-59T	59U	Male Cable Twist-on	\$0.35
5451-RC	B	F-56T	6U	Male Cable Twist-on	\$0.35
7224-RC	C		59U	Female Cable Attached 1/2 Ring	\$0.59
5453-RC	C		6U	Female Cable Attached 1/2 Ring	\$0.49
0588-RC	D		59U	Male Twist-on Quick Connect	\$0.35
5455-RC	E		59U	Male Quick Conn./Crimp Ring	\$0.49
0539-RC	F	F-61		Female Panel Mount with Nut	\$0.33
6973-RC	G		PCB	Female PC Mount Rt Angle	\$0.99

"F" TYPE ADAPTORS

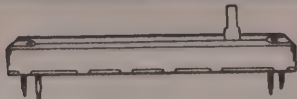


Type "F" adaptors are used to match Cable TV equipment and cables to Audio/Visual Jacks on VCRs. Monitors, Switchers etc.

WT: .01

STOCK#	FIG.	TYPE	DESCRIPTION	PRICE
0541-RC	K	F-81	Female to Female Bulkhead with Nut	\$0.33
5454-RC	L	F-71	Male to Male In-line	\$0.69
0586-RC	M		Male Quick conn. to Standard Female	\$0.50
7097-RC	N		Male to Female Right Angle Adaptor	\$0.75
0591-RC	O		Male to BNC Female Adaptor	\$1.50
0540-RC	P		Female to BNC Male Adaptor	\$1.30
0589-RC	Q		Female to RCA Jack	\$1.30
0590-RC	R		Female to RCA Plug	\$0.75

RESISTORS/POTS



10K SLIDE POT

10K Ohm, .5 Watt slide pot. Designed for use in audio mixers and similar equipment. Features aluminized flap on top for dust and static protection. Metal slider moves 3-3/4". PC terminals. Sorry but no knobs.

L: 5" W: 1/2" H: 1-1/4" WT: .05

STOCK #	DESCRIPTION	PRICE
8693-PT	10K Ohm Slide Pot	\$2.95



**PIHER
MINI POTS**

Vert. Mtg.

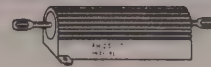
Piher® PT-10 series P.C board pots

WT: .01ea

STOCK#	OHMS	DESCRIPTION	PRICE
3761-PT	200	Vert. Mount Pot	5/\$1.00
0644-PT	2.0K	Vert. Mount Pot	5/\$1.00
3048-PT	50K	Horiz. Mount Pot	4/\$1.00
4039-PT	470K	Horiz. Mount Pot	4/\$1.00
3968-PT	1.0M	Horiz. Mount Pot	4/\$1.00



Horiz. Mtg.



POWER RESISTORS

CHASSIS MOUNT WIREWOUND

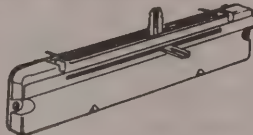
STOCK#	OHMS	WATTS	WT.	PRICE
7122-RS	2	100	.3	\$4.95
2693-RS	70	50	.2	\$2.50
2694-RS	90	30	.2	\$3.00
2695-RS	250	50	.2	\$3.00
2662-RS	7.5K	5	.1	\$2.00

**DUAL 22K
SLIDE POT**

Dual 22K Ohm, 1 Watt slide pot share common slide mechanism. Designed for use as a stereo master control in audio equipment. Features dual slide arm for top or side mounting. Aluminum body, PC terminals. Plastic slider moves 4". PC terminals. Sorry but no knobs.

L: 5-3/4" W: 1-5/8" H: 1-3/8" WT: .17

STOCK #	DESCRIPTION	PRICE
8770-PT	Dual 22K Ohm Slide Pot	\$6.95



2 OHM 100W RESISTOR

Power resistor rated: 2 Ohm @ 100 Watts, 5%. Connect in series to get 8 or 4 Ohms for audio loads. Solder terminals.

WT: .4

STOCK #	DESCRIPTION	PRICE
7122-RS	2 Ohm 100W Resistor	\$4.95

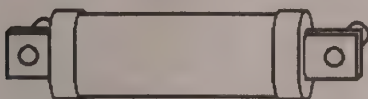


50 OHM 100W RESISTOR

Power resistor rated: 50 Ohm @ 100 Watts, 5%. Solder terminals.

WT: .23

STOCK #	DESCRIPTION	PRICE
7646-RS	50 Ohm 100W Resistor	\$4.95



50 OHM POWER RESISTOR

Dale power resistor rated: 50 ohm @ 55 Watts. Ideal for power supply loads. Connect in series or parallel to get the resistance & power you need. Solder terminals.

L: 4-3/4" W: 1-1/2" T: 5/8 WT: .1

STOCK #	DESCRIPTION	PRICE
6515-RS	50 Ohm 55W Resistor	\$4.50

FLAMEPROOF RESISTOR KIT

ECG, 572 pc. flameproof resistor kit.

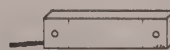
1/4 W: 138pc. 23 values from 100 Ohm to 1M Ohm @ 2% tol.

1/2 W: 12pc. ea 2.2 Ohm & 6.8 Ohm @ 5% tol. and 300pc. 37 values from 10 Ohm to 2.2M Ohm @ 2% tol.

1W: 34pc. 7 values from 0.47 Ohm to 6.8 Ohm @ 5% tol. and 88pc. 21 values from 150 Ohm to 47K Ohm @ 2% tol. each value blister packed.

WT: 2

STOCK #	DESCRIPTION	PRICE
5321-KT	Resistor Kit	\$29.95

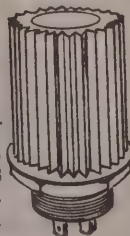


MULTI-TURN TRIMPOTS

Several styles & lead options.

WT: .1

STOCK#	OHMS	TERM.	MTG.	PRICE
1698-PT	50	6" wire	Screw	\$1.00
2221-PT	100	P.C.	P.C.	\$1.00
2222-PT	1K	P.C.	P.C.	\$1.00
1699-PT	1K	P.C.	Screw	\$1.50
1388-PT	250K	P.C.	P.C.	\$1.50



2 OHM 100W RESISTOR

Used, vertical chassis mount power resistor rated: 2 Ohm 100 Watts, 5%. Connect in series to get 4 or 8 Ohms for audio loads. Mounts in 1-1/4" hole. Solder/.187" quick connect terminals.

H: 3-3/8" Dia: 1-3/4" WT: .5

STOCK #	DESCRIPTION	PRICE
8309-RS	2 Ohm 100W Resistor	\$8.95



.6 OHM POWER RESISTORS

.6 Ohm @ 3W, 1% Wirewound, axial lead resistors.

STOCK #	DESCRIPTION	PRICE
7042-RS	.6 Ohm 3W Resistor	\$0.10



POT ASSORTMENT

An assortment of new PC mount pots, too few in quantity to list separately so we dumped them in a drum and scooped them into bags. Sold in bags of 10 pieces.

WT: .1

STOCK #	DESCRIPTION	PRICE
0197-PT	Pot Assortment	10/\$1.00

4 OHM 100W RESISTOR

Used, vertical chassis mount power resistor rated: 4 Ohm 100 Watts, 5%. Connect in series to get 8 or 16 Ohms for audio loads. Mounts in 1-1/4" hole. Solder/.187" quick connect terminals.

H: 3-3/8" Dia: 1-3/4" WT: .5

STOCK #	DESCRIPTION	PRICE
8360-RS	4 Ohm 100W Resistor	\$8.95



10 WATT POWER RESISTORS

Wirewound, axial chassis mount style. For bleeders, Shunts, loads, bias, or emitter resistors. Rated 10W, 5%.

L: 1-1/2" W: 7/8" H: 3/8" WT: .01

STOCK #	DESCRIPTION	PRICE
2654 RS	.01 Ohm 10W Resistor	\$1.00
8771-RS	10 Ohm 10W Resistor	\$0.50

**470UF
FILTER CAP**

4700uF 25VDC power supply filter with radial solder terminals, used as filter caps in switching supplies.

Dia: 1-5/16" H: 2" WT: .2

STOCK #	DESCRIPTION	PRICE
2152-CG	4700uf Filter Cap	\$0.75



CAPACITORS

SUPER CAP



Removed as part of equipment upgrade 1.0 Farad @ 5.5V cap made by NEC. 1/8" long PC board terminals, used as filter caps on the 5V buss & provides power to memory & clocks during momentary power losses. Use in Lo power op-amp circuits, or memories.

Dia.: 1-1/8" H: 7/16" WT: .06

STOCK #	DESCRIPTION	PRICE
8697-CR	RFE 1F @ 5.5V Cap	\$1.50

SUPER CAPS



Super high value caps used as filter caps on the 5V buss & provides power to memory & clocks during power losses. Use in Low power op-amp circuits, or memories.

	DIA.	Hight	Terminals	WT.
7053-CR	1-1/8"	7/16"	PC pins	.06
8690-CR	5/8"	5/16"	PC pins	.004
8691-CR	3/4"	1-1/4"	1-1/8 leads	.02

STOCK #	DESCRIPTION	PRICE
7053-CR	1F @ 5.5VDC Cap	\$2.49
8690-CR	.1F @ 5.5VDC Cap	\$1.00
8691-CR	10F @ 2.5VDC Cap	\$3.95

ARC SUPPRESSORS

Arc suppressors with resistor in series with a cap. Suppresses arcs across contacts controlling coils, motors, & other reactive loads.

Type A: 100 Ohm resistor .5uF 250VAC

Type B: 22 Ohm resistor .1uF 600VAC

L: 1-1/4" W: 5/8" H: 1" WT: .025

STOCK #	DESCRIPTION	PRICE ea	1+	10+
7133-CX	Type A Suppressor	\$0.75	\$0.60	
7214-CX	Type B Suppressor	\$0.75	\$0.60	

4uF 330VAC CAP



AC motor cap rated 4uF @ 330VAC, 60Hz, -55/+70 "C". For motors, ferro-resonant transformers, power supplies etc. No PCB's. .250" quick connect terminals.

L: 2" W: 1-1/4" H: 2-1/2" WT: .3

STOCK #	DESCRIPTION	PRICE
5729-CA	4uF AC Cap	\$1.95



Vert Mtg.

CAPACITOR CLAMPS



Horz.Mtg.

Use to mount filter caps in power supplies.

* no hardware

WT: .1

STOCK#	MTG.	MATERIAL	DIA.	PRICE
1009-HD	Horz.	Plastic	1-1/2"	\$0.50
4526-HD*	Vert.	Metal	3"	\$0.45

MONO CERAMIC CAPS

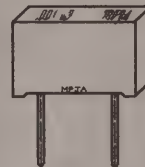
Small size, long life ideal for bypass. Various spacing and lead lengths.

WT: .2/pack

STOCK#	uF	VOLTS	DESCRIPTION	PRICE
2108-CM	.01	100	Mono Cap.	8/\$1.25
1779-CM	.01	50	Mono Cap.	10/\$1.25
2122-CM	.047	100	Mono Cap.	10/\$1.25
2926-CM	.1	50	Mono Cap.	10/\$1.25
1780-CM	.47	50	Mono Cap.	10/\$1.25

MYLAR CAPS

Radial Lead Mylar caps. Ideal for filters, or timing uses.



WT: .1/Pack

STOCK#	uF	VOLTS	DESCRIPTION	PRICE
2047-CL	.001	1000	Mylar Cap.	10/\$1.25
1165-CL	.015	100	Mylar Cap.	10/\$1.25
1167-CL	.068	100	Mylar Cap.	10/\$1.25

MINI TRIMMERS



PC mount for nulling and tuning.

A .40" L X .30" W C .250" dia X 3/8" H

B .250" dia X .078" H D .250" dia X .1" H

WT: .001

STOCK#	Fig.	VOLTS	DESCRIPTION	PRICE
1338-VC	A	250	2.5-10pF Trim	\$0.75
2338-VC	B	50	10-25pF Trim	\$0.25
2465-VC	C	25	5-30pF Trim	\$0.50
0083-VC	D	200	3.5-20pF Trim	\$0.65

330uF FILTER CAP



330uF 200VDC power supply filter with radial PC board terminals, used as filter caps in switching supplies.

Dia: 1-3/8" H: 1-3/16"

WT: .1

STOCK #	DESCRIPTION	PRICE
8401-CR	330uf Filter Cap	\$1.25

MICA TRIMMER ASSORTMENT



Mixed assortment of values, sizes of mica trim caps, some mini's, doubles, etc. Bag of 12 caps for one low price.

WT: .3

STOCK #	DESCRIPTION	PRICE
0824-VC	Trimmer Assortment	10/\$1.50

MICRO SIZE MONO CERAMIC CAPS

Super small size, ideal for bypassing.

WT: .1/Pack

STOCK#	uF	VOLTS	DESCRIPTION	PRICE
3715-CM	47pF	100	Micro Cap.	5/\$1.00
1858-CM	60pF	25	Micro Cap.	5/\$1.00
1819-CM	.010	50	Micro Cap.	8/\$1.00

MYLAR TRIM CAPS

Horizontal PC mount, vertical adjust mini trim caps. screwdriver adjustment slot.

Figure A .375" dia X .438" H

Figure B .4" X .33" X .275 H

WT: .01

STOCK#	Fig.	DESCRIPTION	PRICE
3705-VC	A	5-40pF Mylar Trim	\$0.50
3658-VC	B	4-20pF Mylar Trim	\$0.50

CERAMIC PISTON CAP

Quality, PC mount, ceramic piston caps. 1" tall X 3/8" max - adj from both ends

WT: .005

STOCK #	DESCRIPTION	PRICE ea	1+	100+
2185-VC	5-25pF Piston Cap	\$1.25	\$1.00	

BUTTERFLY TRIM CAP



These small trim caps are used to trim antennas, null RF amps & transmitters, etc.

WT: .2

STOCK #	DESCRIPTION	PRICE
0085-VC	1.5-20pF Trim Cap	2/\$1.00

MINI CERAMIC TRIM CAP



Very small! ceramic 6-40pF @ 50V trim caps for nulling or tuning of R.F. or other applications. PC mount.

L: .25" W: .20" H: .20" WT: .001

STOCK #	DESCRIPTION	PRICE
2908-VC	Mini Ceramic Trim Cap	2/\$1.00

CAPACITORS



MONO CERAMIC CAPS

These small size monolithic ceramic caps are ideal for bypassing, filtering etc.

Rated 50V.
+20% Tol.

STOCK #	uF/pF	Lead Space	-----PRICE ea-----			
			1+	10+	100+	1000+
5625-CM	10p	.1	\$0.22	\$0.12	\$0.09	\$0.06
5626-CM	15p	.1	.22	.12	.09	.06
5627-CM	22p	.1	.22	.12	.09	.06
5628-CM	39p	.1	.22	.12	.09	.06
5629-CM	47p	.1	.22	.12	.09	.06
5630-CM	68p	.1	.22	.12	.09	.06
5631-CM	100p	.1	.22	.12	.09	.06
5632-CM	220p	.1	.22	.12	.09	.06
5633-CM	330p	.1	.22	.12	.09	.06
5634-CM	470p	.1	.22	.12	.09	.06
5635-CM	680p	.1	.22	.12	.09	.06
5636-CM	1000p	.1	.37	.19	.15	.10
5637-CM	2200p	.1	.22	.12	.09	.06
5638-CM	3300p	.1	.22	.12	.09	.06
5639-CM	4700p	.1	.22	.12	.09	.06
5640-CM	6800p	.1	.22	.12	.09	.06
5641-CM	.010u	.1	.23	.12	.09	.06
5642-CM	.022u	.1	.23	.12	.09	.06
5643-CM	.033u	.1	.23	.12	.09	.06
5644-CM	.047u	.1	.23	.12	.09	.06
5645-CM	.056u	.1	.23	.12	.09	.06
2926-CM	.10u	.1	.23	.12	.09	.06
5646-CM	.10	.2	.28	.15	.11	.08
5647-CM	.22u	.2	.28	.19	.15	.10
5648-CM	.33u	.2	.30	.19	.15	.10

CERAMIC DISC CAPS

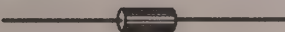
General purpose ceramic caps are ideal for bypassing, filtering etc.

Packs of 15 pcs / \$1.00



WT: .1/pack

STOCK#	pF/uF	VOLTS	DESCRIPTION	PRICE
1430-CD	6p	1000	Disc Ceramic	15/\$1.00
0981-CD	12p	200	Disc Ceramic	15/\$1.00
1660-CD	15p	50	Disc Ceramic	15/\$1.00
2479-CD	19p	100	Disc Ceramic	15/\$1.00
0857-CD	62p	50	Disc Ceramic	15/\$1.00
0954-CD	100p	100	Disc Ceramic	15/\$1.00
2174-CD	100p	1000	Disc Ceramic	15/\$1.00
0335-CD	180p	200	Disc Ceramic	15/\$1.00
1659-CD	270p	50	Disc Ceramic	15/\$1.00
1534-CD	1000p	50	Disc Ceramic	15/\$1.00
0982-CD	.002u	100	Disc Ceramic	15/\$1.00
0339-CD	.01u	25	Disc Ceramic	15/\$1.00
1431-CD	.01u	100	Disc Ceramic	15/\$1.00
0983-CD	.02u	16	Disc Ceramic	15/\$1.00
0338-CD	.022u	25	Disc Ceramic	15/\$1.00



AXIAL MONO CERAMIC CAPS

Axial lead monolithic ceramic caps the size of a diode. Ideal bypass caps in computers, controllers, etc.

WT: .1/pack

STOCK #	DESCRIPTION	PRICE
2110-CM	2000pF 100V Mono Cap	8/\$1.25
2468-CM	.01uF 50V Mono Cap	8/\$1.25

MATCHHEAD CERAMIC CAPS

Only the size of a matchhead, ceramic caps. Ideal bypass caps.



WT: .1/pack

STOCK#	pF	VOLTS	DESCRIPTION	PRICE
0443-CM	8.2	25	Matchhead	10/\$1.25
0444-CM	12	25	Matchhead	10/\$1.25
0445-CM	20	25	Matchhead	10/\$1.25
0446-CM	36	25	Matchhead	10/\$1.25
0448-CM	51	25	Matchhead	10/\$1.25
0449-CM	100	25	Matchhead	10/\$1.25
0450-CM	220	25	Matchhead	10/\$1.25

DIPPED SILVER MICA CAPS



WT: .13/pack

STOCK#	pF	VOLTS	DESCRIPTION	PRICE
2166-CS	47	50	Silver Mica	10/\$1.25
1830-CS	1200	500	Silver Mica	10/\$1.25

RADIAL FILTER CAPS

SNAP-IN



4 SNAP-IN TABS

WT: .1

STOCK#	uF	VOLTS	DESCRIPTION	PRICE
5365-CR	820	180	Snap-in Cap	\$0.90
4972-CR	560	250	Snap-in Cap	\$1.50
5538-CR	150	200	Snap-in Cap	\$1.40
3216-CR	150	250	Snap-in Cap	\$1.50

RADIAL FILTER CAPS

STANDARD



WT: .1

STOCK#	uF	VOLTS	DESCRIPTION	PRICE
0314-CR	300	8	Radial Cap	\$0.15
1195-CR	100	16	Radial Cap	\$0.20
0315-CR	220	16	Radial Cap	\$0.25
2474-CR	10	35	Radial Cap	\$0.25
6532-CR	330	35	Radial Cap	\$0.40
1273-CR	3300	25	Radial Cap	\$0.65
1783-CR	2.2	50	Radial Cap	\$0.20



AXIAL ALUMINUM CAPS

WT: .1

STOCK#	uF	VOLTS	DESCRIPTION	PRICE
0748-CA	5	10	Axial Al. Cap	\$0.20
7205-CA	600	16	Axial Al. Cap	\$0.50
0630-CA	2	35	Axial Al. Cap	\$0.25
0629-CA	25	35	Axial Al. Cap	\$0.25
6455-CA	560	40	Axial Al. Cap	\$0.50
7199-CA	250	50	Axial Al. Cap	\$0.50
0860-CA	4	150	Axial Al. Cap	\$0.25
1194-CA	8	150	Axial Al. Cap	\$0.30



AXIAL TANTALUM CAPS

NP=NON POLAR

WT: .15

STOCK#	uF	VOLTS	DESCRIPTION	PRICE
3717-CA	1.1	10NP	Axial Cap	4/\$1.00
2101-CA	33	10	Axial Cap	4/\$1.00
1778-CA	22	15	Axial Cap	5/\$1.00
2102-CA	15	20	Axial Cap	4/\$1.00

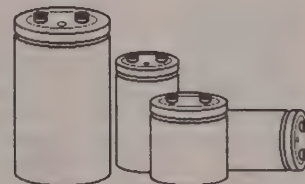
DIP TANTALUM CAPS



WT: .2

STOCK#	uF	VOLTS	DESCRIPTION	PRICE
2724-CT	.22	35	Dip Tantalum	6/\$1.25
1952-CT	1.0	35	Dip Tantalum	3/\$1.00

COMPUTER GRADE CAP



STOCK#	uF	VOLT	DESCRIPTION	WT	PRICE
2092-CG	4700	25	Comp Grade	.7	\$2.25

FEEDTHRU CAP



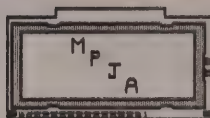
10pF @ 500V feedthru cap for hi-frequency uses. Solder terminals. Solders in a 3/16" hole.

WT: .01

STOCK #	DESCRIPTION	PRICE
0791-CP	10pF Feed Through Cap	\$0.20

LCD DISPLAYS

20 X 4 LINE LCD DISPLAY WITH EL STRIP

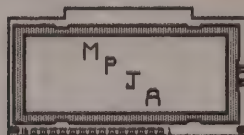


#GEB-26194HB transfective LCD display with Electro-luminescent back light. Built in drivers but no control IC or inverter for E/L strip. 16 pin header for signals & power. NO Data

L: 3-1/4" W: 1-7/8" T: 3/8" WT: .1

STOCK #	DESCRIPTION	PRICE
6475-OP	20 X 4 LCD Display	\$7.95

20 X 4 LCD DISPLAY

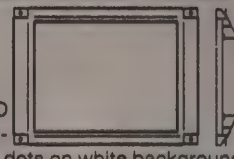


Hitachi, LM-521 4 line X 20 character transfective LCD display. Built in drivers but no control IC. 16 pin header for signals & power. NO Data

L: 3-1/4" W: 1-7/8" T: 3/8" WT: .1

STOCK #	DESCRIPTION	PRICE
6421-OP	Hitachi 20 X 4 LCD	\$6.95

LCD GRAPHIC DISPLAY



Sharp LM64P624 LCD display with CCFL back-lighting. 640 X 480 Blue dots on white background. Built-in drivers. 16 pins for signals, & power (+5 & -16 V), .31mm X .31mm dot size, view area = 205mm X 155mm. Requires external controller & Inverter for Fluorescent backlight. Data

L: 11" W: 7" T: 1" WT: 2

STOCK #	DESCRIPTION	PRICE
7787-OP	640 X 480 Sharp LCD	\$59.95



INTELLIGENT 2 X 40 LCD DISPLAY

Optrex DMC2066 2 X 40, 5 X 8 X .21" char. ht. dot matrix display, on-board CPU, RAM & ASCII char. generator IC, C-MOS/TTL signal level, 11 instructions. 14 I/O/power pins. Sorry NO Data at this time.

L: 7-1/8" W: 1-1/4" T: 5/16" WT: .14

STOCK #	DESCRIPTION	PRICE
7519-OP	Optrex 2 X 40 LCD	\$9.95

INTELLIGENT 16 X 1 LINE LCD DISPLAY



USED 5 X 8 X .22" char. ht. dot matrix display. On-board CPU, RAM & ASCII char. generator IC, C-MOS/TTL signal levels, 11 instructions, single +5 VDC supply, 1-1/4" ribbon cable with 14 Pin header connector for I/O/power. Removable from plastic cover. Data

L: 4" W: 1-5/8" T: 3/8" WT: .07

STOCK #	DESCRIPTION	PRICE
7964-OP	16 X 1 LCD	\$6.95

INTELLIGENT 20 X 2 LINE LCD DISPLAY

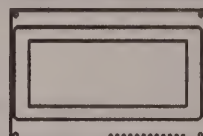


USED Optrex DMC2061 5 X 8 X .19" char. ht. dot matrix display. On-board CPU, RAM & ASCII char. generator IC, C-MOS/TTL signal levels, 11 instructions, +5 VDC for logic, -12 VDC for contrast adj. 14 Pin header connector for I/O/power. Data

L: 4-9/16" W: 1-7/16" T: 1" WT: .14

STOCK #	DESCRIPTION	PRICE
7939-OP	Optrex 20 X 2 LCD	\$8.95

INTELLIGENT 20 X 4 LINE LCD DISPLAY



USED Optrex DMC20434 5 X 8 X .19" char. ht. dot matrix display. On-board CPU, RAM & ASCII char. generator IC, C-MOS/TTL signal levels, 11 instructions, +5 VDC for logic, -12 VDC for contrast adj. 14 Pin header connector for I/O/power. Data

L: 3-7/8" W: 2-3/8" T: 3/8" WT: .14

STOCK #	DESCRIPTION	PRICE
8560-OP	Optrex 20 X 4 LCD	\$16.95

INTELLIGENT 8 X 2 LINE LCD DISPLAY



Densitron LM70B, 5 X 7 X .15" char. ht. dot matrix display, on-board CPU, RAM & ASCII char. generator IC, C-MOS/TTL signal level, 11 instructions, +5 V for logic & -5 V for contrast adj. 14 I/O/power pins, electro-lum. back light. Req. inverter for EL strip

L: 3-5/16" W: 1-3/8" T: 3/8" WT: .1

STOCK #	DESCRIPTION	PRICE
6395-OP	Densitron 8 X 2 LCD	\$8.95

16 CHAR. X 1 LINE LARGE CHAR. LCD DISPLAY/LED BACKLIGHT

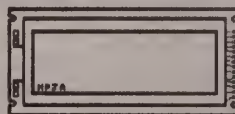


Seiko, L1651B1J200, 5 X 7 + Cursor .6" char. ht. dot matrix display. On-board CPU, RAM & ASCII char. generator IC, 11 instructions, C-MOS/TTL signal level. +5 VDC logic supply. Yellow/green LED backlight. 14 I/O/power pins.

L: 5-15/16" W: 1-9/16" T: 5/8" WT: .18

STOCK #	DESCRIPTION	PRICE
7660-OP	Seiko 16 X 1 LCD	\$12.95

GRAPHIC LCD WITH E/L



Removed from new equip. Epson EG-2401A-BR, Graphis LCD. 256 X 64 display with Electro-luminescent back light. .52mm X .52mm dot pitch, view area = 138mm X 38mm. Requires external controller & Inverter for backlight. Built-in drivers. 14 pins for signals, & power (+5 & -10 V). Data

L: 7" W: 2.7" T: .5" WT: .4

STOCK #	DESCRIPTION	PRICE
7791-OP	256 X 64 Epson LCD	\$14.95



INTELLIGENT LARGE CHARACTER 20 X 1 LINE LCD DISPLAY

Vikay 2011TNLDNOBN-TC, 5 X 7 + Cursor .45" char. ht. dot matrix display, on-board CPU, RAM & ASCII char. generator IC, C-MOS/TTL signal level, 11 instructions, +5 VDC for logic & 12 (Max) VDC for contrast adj. 14 I/O/power pins. 15" flat cable. Data

L: 7-1/8" W: 1-5/16" T: 5/8" WT: .2

STOCK #	DESCRIPTION	PRICE
8087-OP	20 X 1 Vikay	\$14.95

LCD GRAPHIC DISPLAY



Sharp LM64P70 LCD display with CCFL back-lighting, 640 X 480 Blue dots on white background. Built-in drivers. 14 pins for signals, & power (+5 & -16 V), .24mm X .24mm dot size, view area = 172mm X 130mm. Requires external controller & Inverter for Fluorescent backlight. Data

L: 10-1/8" W: 6-1/4" T: 1/2" WT: 1

STOCK #	DESCRIPTION	PRICE
8056-OP	640 X 480 Sharp LCD	\$49.95

16 CHAR. X 2 LINE LCD DISPLAY



Optrex DMC16230, 5 X 7 + Cursor .3" char. ht. dot matrix display. On-board CPU, RAM & ASCII char. generator IC, C-MOS/TTL signal level, 11 instructions, +5 VDC logic supply, -7V LCD supply. 14 I/O/power pins. 12" flat cable attached. Data

L: 4-13/16" W: 1-3/4" T: 3/4" WT: .17

STOCK #	DESCRIPTION	PRICE
6348-OP	Optrex 16 X 2 LCD	\$12.95



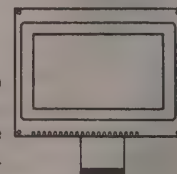
**CREDIT CARD-COD
ORDERS TAKEN BY PHONE
9:00 AM - 4:30 PM (EASTERN)
MONDAY - FRIDAY
CALL**

561-848-8236

**ORDERS ONLY
CALL**

1-800-652-6733

LCD GRAPHIC DISPLAY

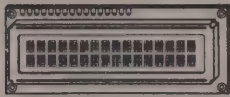


Solomon LM7310SGLU LCD display with LED back-lighting, 128 X 64 Blue dots on white background. Built-in drivers & 4 bit TTL interface, 20 pins for signals, & power (5 & -10 V), .48mm X .48mm dot size, view area = 70mm X 39mm. Requires external controller. Data

L: 3-7/8" W: 2-3/4" T: 1/2" WT: .25

STOCK #	DESCRIPTION	PRICE
7327-OP	128 X 64 Graphic LCD	\$24.95

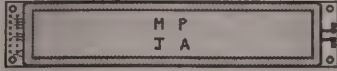
DISPLAYS



16 CHAR. X 2 LINE LCD DISPLAY

Truly, MC162-1, 5 X 8 .18" char. ht. dot matrix display. On-board CPU, RAM & ASCII char. generator IC, 11 instructions, C-MOS/TTL signal level. Single 5 VDC power supply, 14 I/O/power pins. Data
L: 3-3/16" W: 1-7/16" T: 3/8" WT: .17

STOCK #	DESCRIPTION	PRICE
8714-OP	Truly 16 X 2 LCD	\$9.95

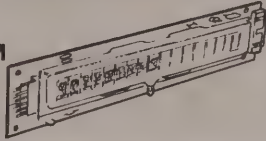


40 CHAR. X 2 LINE INTELLIGENT LCD DISPLAY WITH E/L BACKLIGHT

Sanyo 5 X 7+ Cursor X .18" char. ht. dot matrix display, on-board CPU, RAM & ASCII char. generator IC, C-MOS/TTL signal level, 11 instructions, Single +5 VDC for logic. Requires inverter for E/L strip Not supplied. 14 I/O/power pins. Sorry NO Data
L: 7-3/16" W: 1-5/16" T: 3/8" WT: .2

STOCK #	DESCRIPTION	PRICE
8876-OP	40 X 2 LCD/Back Light	\$10.95

1 X 20 VACUUM FLUORESCENT DISPLAY



IEE 3700-06-20 1 line X 20 fluorescent display. 14 segment, .35" height blue/green characters. On-board CPU, RAM & char. generator IC. Supports most ASCII control functions. C-MOS/TTL signal levels, Single +5 VDC. Data
L: 9-5/8" W: 2-3/8" T: 1-1/8" WT: .5

STOCK #	DESCRIPTION	PRICE
8877-OP	IEE Display	\$24.95

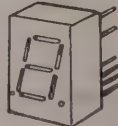
4 DIGIT FLUORESCENT DISPLAY



Futaba #4-BT-02Z digital clock display. 4 digit, .3" character height with colon. 1.7V Filament, 12V Anode/Grid operating voltage. 34 pin glass DIP package. Data
L: 2.4" W: 1.25" WT: .05

STOCK #	DESCRIPTION	PRICE
6862-OP	4 Digit Futaba Display	\$4.95

.43" YELLOW LED DISPLAY



H/P 5082-7660, yellow, 7 segment, .43" char. height, display. Common anode with left hand decimal. 20mA max segment current, 3V max reverse volts, Data.

H: .75" W: .5" T: .25" WT: .005

STOCK #	DESCRIPTION	PRICE ea
6878-OP	h/p .43" LED Display	\$0.79 \$0.59

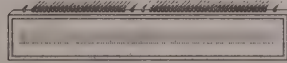
8 DIGIT INTELLIGENT LED DISPLAY



Siemens PD2816 eight digit, 18 segment, .16" char. height, alpha-numeric display, internal CMOS LSI chip stores, decodes, & displays the 64 character ASCII code, on board ram, end stackable, single 5V supply CMOS/TTL compatible. Pins will fit 24 Pin DIP socket. Data

WT: .03

STOCK #	DESCRIPTION	PRICE
4347-OP	8 Dig. LED Display	\$9.95



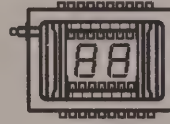
24 CHAR. VACUUM FLUORESCENT DISPLAY

Futaba # 24-BD-01Z, 24 multiplexed 5 X 7 dot matrix character display, 6.7mm char. height, 200 Ft/L typ. brightness, 6-1/4" X 3/8" character display area, 6.5VAC @ 75 mA filament, 27 VAC grid volt. Data

L: 7-1/4" W: 1-1/4" T: 5/16" WT: .17

STOCK #	DESCRIPTION	PRICE
4939-OP	Futaba 24 Char. Display	\$4.50

2 DIGIT FLUORESCENT DISPLAY



Futaba #2-ST-04 display. 2 digit, 5mm character height. 20 pin glass DIP package. We understand it was made for an automotive display. NO Data
L: 1.2" W: .625" T: .25" WT: .01

STOCK #	DESCRIPTION	PRICE
7557-OP	2 Digit Futaba Display	\$0.50

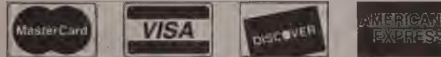
INTELLIGENT LED DISPLAY



Siemens DL-2416 four character, 17 segment, .16" char. height, alpha-numeric display, internal CMOS LSI chip stores, decodes, & displays the 64 character ASCII code, on board ram, end stackable, single 5V supply CMOS/TTL compatible. Data

WT: .01

STOCK #	DESCRIPTION	PRICE
8069-OP	DL-2416 LED Display	\$4.95



**CREDIT CARD-COD
ORDERS TAKEN BY PHONE
9:00 AM - 4:30 PM (EASTERN)**

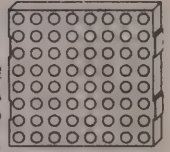
**MONDAY - FRIDAY
CALL**

561-848-8236

**ORDERS ONLY
CALL**

1-800-652-6733

GIANT LED DISPLAY



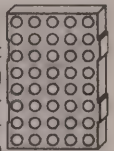
Liteon LTP2088AE, 8 X 8 Orange LED, dot matrix display. 15mA continious fwd. current, 80mA @ 1/16 Duty Cycle. 2.1 V max fwd. drop, 5 V max reverse voltage. X/Y addressing: cathodes/rows; Anodes/columns. Side & end stackable. .200" dot size, .300" pitch. For scrolling signs, etc.

W: 2.25" H: 2.25"

WT: .1

STOCK #	DESCRIPTION	PRICE
7379-OP	Giant 8 X 8 LED Display	\$5.95

TRI COLOR LED DISPLAY



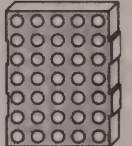
Liteon LTP2958AA, 5 X 8 LED, dot matrix display. X/Y addressing: using red & green LEDs with common anodes (rows) & separate cathodes (columns) allowing you to light a red, a green or both. 15mA continious fwd. current, 80mA @ 1/16 Duty Cycle. 2.1 V max fwd. drop, 5 V max reverse voltage. Side & end stackable. .200" dot size, .300" pitch.

W: 1.5" H: 2.375"

WT: .1

STOCK #	DESCRIPTION	PRICE
7049-OP	Giant Multi LED Display	\$4.95

GIANT LED DISPLAY



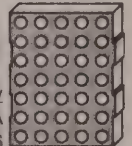
Oak LAA1212, 5 X 7 Green LED, dot matrix display. 20mA continious fwd. current, 2.5 V max fwd. drop, 5 V max reverse voltage. X/Y addressing: cathodes/rows, anodes/columns. Side & end stackable. .200" dot size, .300" pitch. For scrolling signs, etc.

W: 1.5" H: 2.1"

WT: .1

STOCK #	DESCRIPTION	PRICE
4108-OP	Giant LED Display	\$3.50

GIANT LED DISPLAY



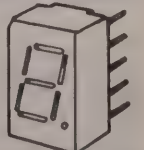
Liteon LTP2157AY, 5 X 7 Yellow LED, dot matrix display. 15mA continious fwd. current, 80mA @ 1/16 Duty Cycle. 2.1 V max fwd. drop, 5 V max reverse voltage. X/Y addressing: cathodes/columns; Anodes/rows. Side & end stackable. .200" dot size, .300" pitch. For scrolling signs, etc.

W: 1.5" H: 2.1"

WT: .1

STOCK #	DESCRIPTION	PRICE
7043-OP	Giant Yellow LED Display	\$3.50

.3" RED LED DISPLAY



H/P HDSP-7301, red, 7 segment, .3" char. height, display. Common anode with right hand decimal. 25mA max segment current, 3V max reverse volts, Data

H: .5" W: .3" T: .24" WT: .003

STOCK #	DESCRIPTION	PRICE ea
7870-OP	h/p .3" LED Display	\$0.59 \$0.49

RECTIFIERS/BRIDGES

1A RECTIFIER DIODES

1N4000 series 1 Amp Axial diodes. DO-04 Case
WT: .001

STOCK #	JEDIC#	PIV	10+	200+	1000+
5211-DI	1N4001	50	\$0.055	\$0.043	\$0.03
5212-DI	1N4002	100	.058	.045	.03
5213-DI	1N4003	200	.060	.047	.03
5214-DI	1N4004	400	.063	.049	.04
5215-DI	1N4005	600	.065	.051	.04
5216-DI	1N4006	800	.068	.053	.04
5217-DI	1N4007	1000	.070	.055	.04

3A RECTIFIER DIODES

1N5400 series 3 Amp Axial diodes. DO-201AD Case
WT: .001

STOCK #	JEDIC#	PIV	10+	200+	800+
4991-DI	1N5400	50	\$0.259	\$0.187	\$0.16
4992-DI	1N5401	100	.199	.143	.12
4993-DI	1N5402	200	.204	.147	.13
4995-DI	1N5404	400	.210	.151	.13
4997-DI	1N5406	600	.226	.163	.14
4998-DI	1N5407	800	.232	.167	.15
4999-DI	1N5408	1000	.237	.171	.15

6A RECTIFIER DIODES

P600 series 6 Amp Axial diodes.

STOCK #	IND #	PIV	10+	200+	400+
5218-DI	P600A	50	\$0.54	\$0.39	\$0.35
5219-DI	P600B	100	.60	.43	.38
5220-DI	P600D	200	.65	.47	.42
5221-DI	P600G	400	.70	.51	.45
5222-DI	P600J	600	.76	.55	.49
5223-DI	P600K	800	.76	.55	.49
5224-DI	P600M	1000	.76	.55	.49

1A MINI DIP BRIDGES

4 pin Mini DIP Package for socket or PC board mounting

STOCK #	PIV	DESCRIPTION	---PRICE ea---
5225-BR	50	1A DIP Bridge	\$0.39 \$0.35
5226-BR	200	1A DIP Bridge	.42 .37
5227-BR	400	1A DIP Bridge	.44 .39
5228-BR	800	1A DIP Bridge	.50 .45

1.5A ROUND BRIDGE

1.5 Amp, Wire Leads for PC Board Mtg

STOCK #	PIV	DESCRIPTION	---PRICE ea---
5230-BR	50	1.5A Bridge	\$0.35 \$0.32
5231-BR	200	1.5A Bridge	.37 .33
5232-BR	400	1.5A Bridge	.39 .35
5233-BR	800	1.5A Bridge	.48 .43

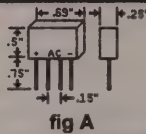


fig A

IN-LINE BRIDGES

Wire leads
WT: .001

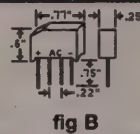
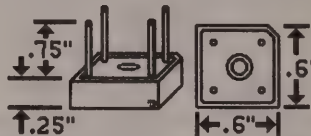


fig B

6A SQ. BRIDGE

Wire Leads for PC Board Mtg.

STOCK #	PIV	DESCRIPTION	---PRICE ea---
5241-BR	50	6A Bridge	\$0.88 \$0.79
5242-BR	400	6A Bridge	\$1.16 \$1.04
5243-BR	1000	6A Bridge	\$1.35 \$1.21



WT: .001

BRIDGE RECTIFIERS

Square package, .250" Quick connect terminals.

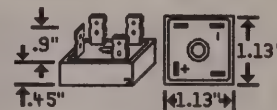


fig A

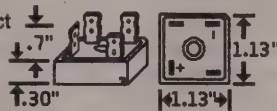


fig B

WT: .05lb 15-30A

WT: .1lb 50A

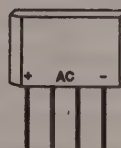
STOCK #	AMP	PIV	FIG.	---PRICE ea---
5244-BR	15	50	A	\$1.91 \$1.70
5245-BR	15	400	A	2.65 2.38
5246-BR	15	1000	A	3.44 3.09
5247-BR	25	50	A	1.95 1.75
5248-BR	25	400	A	2.70 2.43
5249-BR	25	1000	A	3.49 3.14
5250-BR	35	50	A	2.50 2.25
5251-BR	35	400	A	2.99 2.69
5252-BR	35	1000	A	3.99 3.59
5253-BR	50	50	B	5.60 5.04
5254-BR	50	400	B	6.30 5.67
5255-BR	50	1000	B	7.70 6.93

800V 1 AMP INLINE BRIDGE

RS106G in-line bridge. Rated 1 amp @ 800 volts. Wire leads.

L: 5/8" H: 1/4" T: 3/16" WT: .003

STOCK #	DESCRIPTION	PRICE
8695-BR	1A 800V Inline Bridge	\$0.50

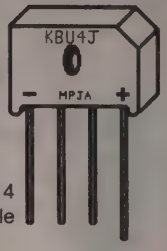


600V 4 AMP BRIDGE SPECIAL

GI #KBU4J in-line bridge. Rated 4 amps @ 600 volts. Center hole mounting. UL listed.

L: 7/8" H: 13/16" T: 1/4" WT: .05

STOCK #	DESCRIPTION	PRICE
5549-BR	4A 600V Bridge Special	\$0.75

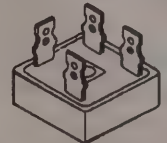


50V 25AMP BRIDGE

I/R 250JB05L bridge. Rated 25 amps @ 50 volts. .250" Quick connect terminals. Center hole mounting. molded plastic case with metal base.

L: 1-1/8" W: 1-1/8" H: 7/8" WT: .05

STOCK #	DESCRIPTION	PRICE
5201-BR	I-R 25A 50V Bridge	\$1.95

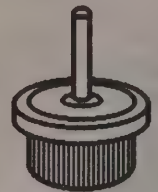


50A RECTIFIER

Motorola #MR5020, press fit high current rectifier. Cathode connected to case. Rated 50A @ 200Vpiv.

WT: .02

STOCK #	DESCRIPTION	PRICE
6672-DI	50A Press Fit Rectifier	\$2.95



25A CENTER TAPPED BRIDGE

Varo VYB100XT center tapped bridge. Rated 25A @ 100VAC

WT: .04

STOCK #	DESCRIPTION	PRICE ea
4509-BR	Varo Tapped Bridge	\$1.75 \$1.50



4000V RECTIFIER MODULE

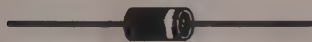
PIV=4000V, 2A max Diode Module. Contains four 1000V @ 2A silicon diodes connected in series. .250" Quick connect terminals.

L: 1-13/16" H: 1-1/8" T: 3/8" WT: .04

STOCK #	DESCRIPTION	PRICE
5071-DI	4KV Diode Module	\$5.95



SEMICONDUCTORS



LOGIC DIODES

General purpose silicon logic diodes at OEM prices.
WT: .05lb/15 .16lb/100

STOCK #	DESCRIPTION	---PRICE ea--- 15+ 100+	
1670-DI	1N4148 Diode	\$0.06	\$0.035
0614-DI	1N914 Diode	\$0.05	\$0.030

1A MINI-DIP BRIDGE



1 Amp @ 200V PIV, 4 pin mini-dip bridges, same size as a 8 pin IC, fit in socket or mount direct on board.
L: 0" W: 0" H: 0" WT: .001

STOCK #	DESCRIPTION	---PRICE ea--- 1+ 5+	
4681-BR	1A DIP Bridge	\$0.45	\$0.30

3 MATCHED VARACTORS

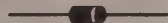


Matched set of 3 Motorola general purpose, MV1662 Varactor diodes. 15 VDC max. reverse, 400mA max. forward current, capacitance =225pF min., 250pF Nom. @ 4.0 Vr., Cap ratio=2.3 @ Vr 2-15 VDC. Sold as a set of three diodes.

WT: .1

STOCK #	DESCRIPTION	PRICE
0087-DI	3 Matched Varactors	\$1.00

ZENER DIODES 1 W. AXIAL



WT: .001

STOCK#	IND. TYPE	VOLT	PRICE
2630-DI	1N4750	27	5/\$1.00
2632-DI	1N4753	36	5/\$1.00

MISCELLANEOUS ZENER DIODES



WT: .01

STOCK#	IND. TYPE	VOLT	WATT	PRICE
2447-DI	1N823	6.2	.4	10/\$1.00
1512-DI	1N5237B	8.2	.5	8/\$1.00
0608-DI	House Marked	16	1	5/\$1.00



Fig A Fig B

BRIDGE RECTIFIERS



Fig C Fig D
WT: .01

STOCK #	AMP	PIV	FIG.	DESCRIPTION	PRICE
4681-BR	1	200	A	DIP Bridge	\$0.45
5163-BR	1	400	A	DIP Bridge	\$0.50
2226-BR	1	50	B	Mini Bridge	\$0.50
4083-BR	1.5	200	C	Inline Bridge	\$0.50
4208-BR	4	50	C	Inline Bridge	\$0.65
4082-BR	6	200	C	Inline Bridge	\$1.00
0165-BR	25	50	D	Bridge	\$1.95

SILICON CONTROLLED RECTIFIERS



Fig A



Fig B



Fig C

WT: .002

STOCK #	AMP	PIV	FIG.	DESCRIPTION	PRICE
2347-SC	.8	25	A	C203Y SCR	\$0.33
2817-SC	4	200	C	4 A SCR	\$0.50
2227-SC	10	600	C	10A SCR	\$1.50

ZENER DIODE SERVICE KIT

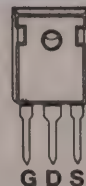
Kit contains 10 ea of the following 1/2 Watt zeners bagged by value.

1N747A (3.6V)	1N757A (9.1V)
1N759A (12V)	1N959B (8.2V)
1N961B (10V)	1N962B (11V)
1N970B (24V)	1N971B (27V)
1N973B (33V)	1N981B (68V)

WT: .2

STOCK #	DESCRIPTION	PRICE
4491-DI	Zener Service Kit	\$9.95

40A MOS TRANSISTOR



G D S

General Inst. PA125N40S "N" channel, MOS transistor. Rated: 44A max, 60VDC; "on" resistance Rds=.04 ohms; TO-247 case

WT: .01

STOCK #	DESCRIPTION	PRICE
6669-QT	GI 40 MOS Transistor	\$3.25

N CHANNEL FET TRANSISTOR



IRF620 N channel, 40 watt enhancement mode power MOS transistor. Vds=200V, Rds=.8 ohm, Idm=5A

WT: .01

STOCK #	DESCRIPTION	PRICE
4295-QT	IRF620 FET Transistor	\$1.50

TIP-3055 NPN TRANSISTOR



TIP-3055, NPN, 90W, TO-218 case transistor, rated 70V BVceo, 7V BVeb, 15A Ic cont., DC current Gain=15 @ Ic=1A & Vce=10.0V. Designed for complementary use with TIP2955

WT: .02

STOCK #	DESCRIPTION	PRICE
6488-QT	TIP-3055 Transistor	\$1.25

40A 150W MOS TRANSISTOR



Motorola MTH40N06 "N" channel, MOS transistor. Rated: 150W, 40A max, 60VDC. "ON" resistance Rds=.028 ohms TO-247 case

WT: .01

STOCK #	DESCRIPTION	PRICE
3120-QT	40A MOS Transistor	\$2.50

2N3055 NPN TRANSISTOR



The Worlds Most Popular Transistor, Silicon NPN, TO-3 case, Ic=15A, Vce=60V, 115W, Hfe=20-70

WT: .1

STOCK #	DESCRIPTION	PRICE
6397-QT	2N3055 Transistor	\$1.29

450V 15A NPN TRANSISTOR

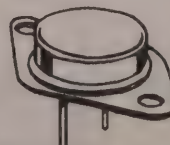


Motorola MJH-160012, NPN, 125W, TO-218AC case transistor, rated 450V BVceo, 6V BVeb, 15A Ic max., DC current Gain=7 @ Ic=15A & Vce=5.0V., For line operated switching supplies, inverters, motor controls, etc.

WT: .01

STOCK #	DESCRIPTION	PRICE
7788-QT	450V 15A Transistor	\$1.85

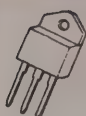
9A 200V MOS TRANSISTOR



Motorola IRF-230 "N" channel, MOS transistor. Rated: 9A max, 200VDC, 90 W. "on" resistance Rds=.4 ohms @ 5A. TO-204 (TO-3) case

WT: .03

STOCK #	DESCRIPTION	PRICE
3749-QT	IRF-230 MOS Transistor	\$2.00



TIP SERIES POWER TRANSISTORS

T-218 (Fig. A) or 220 (Fig. B) power Transistors

Fig. A

WT: .1



Fig. B

STOCK#	IND #	TYPE	WATTS	V _{CE}	V _{CB}	I _C	FIG.	PRICE
5162-QT	TIP-30A	PNP	30	60	60	1	B	\$0.50
3019 QT	TIP-30C	PNP	30	100	140	1	B	\$0.50
3079-QT	TIP-29	NPN	30	40	80	1	B	\$0.50
8779-QT	TIP-127	PNP	65	100	100	5	B	\$0.75
6488-QT	TIP3055	NPN	90	100	70	15	A	\$1.25



TRANSISTOR SPECIAL

General purpose, small signal amplifiers in TO-266 plastic case.

WT: .001

VOLTAGE REGULATORS

TO-3 CASE

STOCK#	IND. TYPE	VOLT	AMP	PRICE
1557-RG	LAS1505	+5	1.5	\$1.25
1275-RG	7905	-5	1	\$1.25
1515-RG	7815	+15	1	\$1.25

TO-220 CASE



STOCK#	IND. TYPE	VOLT	AMP	PRICE
0359-RG	7805/340-5	+5	1	\$0.50
0366-RG	7905	-5	1	\$0.50
0361-RG	7812	12	1	\$0.50
0367-RG	7912	-12	1	\$0.50
0362-RG	7815	+15	1	\$0.50
0368-RG	7915	-15	1	\$0.50
0363-RG	7818	+18	1	\$0.50
2921-RG	7918	-18	1	\$0.50
0364-RG	7824	+24	1	\$0.50

450V 8A NPN TRANSISTOR



Motorola MJH-16006, NPN, 125W, TO-218 case transistor, rated 450V BV_{CEO}, 6V BV_{EB}, 8A I_C max., DC current Gain=5 @ I_C=8A & V_{CE}=5.0V., For line operated switching supplies, inverters, motor controls, etc.

WT: .01

STOCK #	DESCRIPTION	PRICE
3570-QT	450V NPN Transistor	\$1.25

LM-317 VOLTAGE REGULATOR



One of the most popular Adjustable regulator of all time. Rated: 3-37VDC input; 1.2-35V adjustable output at 1A.

WT: .05

STOCK #	DESCRIPTION	PRICE
0365-RG	LM317 Adj. Regulator	\$0.75



MISCELLANEOUS REGULATORS

STOCK#	IND. TYPE	VOLT	AMP	PRICE
2365-RG	79L05	-5	.1	\$0.40
1642-RG	LM320M05	-5	.5	3/\$2.00
1639-RG	LM342P12	+12	.25	3/\$2.00
1640-RG	LM342P15	+15	.25	3/\$2.00
0370-RG	723	+2-37	.15	\$0.55

400V N CHANNEL T-MOS TRANSISTOR



Motorola MTP3N40 N channel, 75 watt enhancement mode power MOS transistor. Source to Drain diode for driving inductive loads. V_{DS}=400V, R_{DS}=3.3 ohms, I_D=3A

WT: .01

STOCK #	DESCRIPTION	PRICE
8382-QT	MTP3N40 Transistor	\$1.75

IR MOTION DETECTOR SENSOR

Dual Lithium Tantalate IR sensing elements mounted in a TO-5 metal case. Connected electrically parallel opposed to cancel out common mode signals. Differential signals are amplified by FET amp. Horiz Field of view: 116°. Vert: field of view: 95°. 3-15VDC operating volts. Optical bandwidth: 7-14um. Designed for motion detection.

WT: .001

STOCK #	DESCRIPTION	PRICE
8361-OP	IR Motion Sensor	\$2.50

VOLTAGE REGULATOR SPECIAL



NEC uPC-141CA, adjustable 2-30V DC, positive regulator. 12mA output is ideal for pass transistor drivers in high current supplies or use as on-board regulators.

WT: .1

STOCK #	DESCRIPTION	PRICE
1216-RG	NEC Regulator Special	\$1.00

450V 15A NPN TRANSISTOR



Phillips BUW13A, NPN, 125W, TO-218 case transistor, rated 450V BV_{CEO}, 1KV BV_{CEs}, 15A I_C max. For line operated switching supplies, inverters, motor controls, etc.

WT: .01

STOCK #	DESCRIPTION	PRICE
8696-QT	BUW13A 450V Transistor	\$1.25

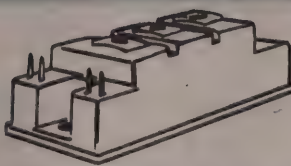
IR MOTION DETECTOR SENSOR

Nippon Ceramic Co. RE200BDual IR sensing elements mounted in a TO-5 metal case. Connected electrically series opposed to cancel out common mode signals. Differential signals are amplified by FET amp. Horiz Field of view: 138°. Vert: field of view: 125°. Operating volts=3-10VDC. Optical bandwidth: 7-14um. Designed for motion detection.

WT: .001

STOCK #	DESCRIPTION	PRICE
7250-OP	IR Motion Sensor	\$3.25

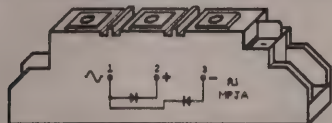
75A DUAL TRANSISTOR MODULE



PRX KD224575 darlington NPN transistor module. Rated 450V_{ceo}(sus) @ 75 A. 2000V RMS isolation. Contains 2 darlington's connected as 1/2 bridge driver. Use 2 modules for full bridge.

L: 3-3/4" W: 1-3/8" H: 1-1/4" WT: .5

STOCK #	DESCRIPTION	PRICE
7558-QT	75A Power Darlington	\$19.95



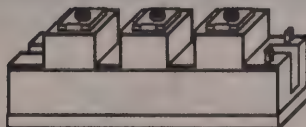
55A RECTIFIER POWER MODULE

International Rectifier IRKD56-04 rectifier rated 55A @ 400V PIV. Connected as a half bridge, use 2 for full bridge. Isolated base. Screw terminals.

L: 3-5/8" W: 3/4" H: 1-1/4" WT: .33

STOCK #	DESCRIPTION	PRICE
8684-DI	55A 400V 1/2 Bridge	\$9.95

50A BIPOLAR MOTOR DRIVER MODULE

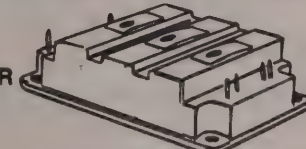


Fuji 2DI-50A-120A Hi-Current NPN 1/2 bridge module. Rated: I_c = 50A, V_{CE} = 1200V. V_{BE} = 10. Base Current 3A. 2.5KV Isolation. For motor control, inverters etc.

L: 4-1/4" W: 1-1/4" H: 1-3/8" WT: .6

STOCK #	DESCRIPTION	PRICE
7307-QT	Fuji 50A Motor Driver	\$29.95

100A DUAL TRANSISTOR MODULE

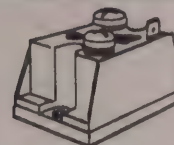


PRX KD324510 darlington NPN transistor module. Rated 450V_{ceo}(sus) @ 100 A. 2000V RMS isolation. Contains 2 darlington's connected as 1/2 bridge driver. Use 2 modules for full bridge.

L: 3-11/16" W: 2-3/8" H: 1-1/4" WT: .8

STOCK #	DESCRIPTION	PRICE
7876-QT	100A Power Darlington	\$24.95

90A SCR MODULE

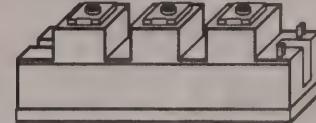


International Rectifier IT90R1A40 silicon controlled rectifier rated 90A average/140A RMS @ 400V PIV. Isolated base. Screw terminals/.187" faston for Gate

L: 1-5/8" W: 1-1/16" H: 1-1/4" WT: .15

STOCK #	DESCRIPTION	PRICE
8685-DI	90A 400V SCR	\$9.95

50A BIPOLAR MOTOR DRIVER MODULE

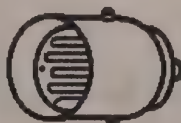


Fuji 2DI-30A-120A Hi-Current NPN 1/2 bridge module. Rated: I_c = 30A, V_{CE} = 1200V. V_{BE} = 10. Base Current 2A. 2.5KV Isolation. For motor control, inverters etc.

L: 3-5/8" W: 1-5/16" H: 1-1/4" WT: .4

STOCK #	DESCRIPTION	PRICE
7402-QT	Fuji 30A Motor Driver	\$22.95

PHOTO SENSOR



Cadmium sulfide photo resistive element mounted in a 2 contact S-6 lamp base (Like found in your tail lights). >1meg ohm dark resistance, < 300 ohms light. Polished plastic fill over detector.

WT: .01

STOCK #	DESCRIPTION	PRICE
8964-OP	Lamp Base Photo Sensor	\$2.95

8 LED BAR



Unusual display contains 8 independent rectangular LEDs: 1 yellow followed by 2 red, a space, then a red/green bipolar, and then 4 red. Forward current: 20mA Max, 5V Max reverse volts.

L: 2-3/8" H: 3/4" D: 7/8" WT: .01

STOCK #	DESCRIPTION	PRICE
6965-OP	8 LED Bargraph	\$0.65

TRANSIENT SUPPRESSORS (MOVS)



Suppress spikes caused by inductive loads, lightning etc. The spike causes the MOV to change from a high impedance to low, clamping the spike.

WT: .003

STOCK #	V RMS	V MAX	JOULES	PRICE
2310-MI	50	65	15	\$0.50
1176-MI	95	127	25	\$0.50
1993-MI	130	175	1	\$0.50

PHOTO SENSOR



Cadmium sulfide photo resistive element mounted in a TO-18 metal case. >5meg ohm dark resistance, < 300 ohms light. 1-1/2" leads

WT: .001

STOCK #	DESCRIPTION	PRICE
7526-OP	Photo Sensor	\$0.89

POWER OPTO ISOLATOR

MFG: MOTOROLA
P/N: MOC2A40-5
LED CONTROL CURRENT: 5mA
RATED: 2.0A, 125VAC
CONNECTION: PC Mount SIP

Zero crossing. LED input, Triac output, power opto-isolator rated 400V blocking, 400uS dV/dT min.

WT: .01

STOCK #	DESCRIPTION	PRICE
8871-OP	Power Opto-Coupler	\$2.95

OPTO COUPLERS

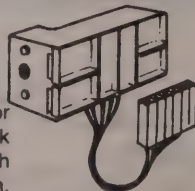
Several types in stock.

Pin 1: LED Anode 6: trans. base
2: LED Cath. 5: collector
3: N.C. 4: emitter

WT: .02

STOCK#	IND. TYPE	IN-PUT	ISO-VOLT	BV _{ce}	PRICE
2218-OP	TIL-122	DC	1.5KV	30	3/\$1.00
4216-OP	H11AV3A	DC	4KV	70	3/\$1.00
2721-OP	4N32	DC	2.5KV	30	2/\$1.00

STEREO PHOTO ELECTRIC COLOR DETECTOR?



Unusual solar cell detector made for uncle sam, block holds 6 small solar cells with 2ea high quality red, & green, and 1ea, orange & yellow transmittance type filters, we think these were used to process aerial photos but other wise "who knows".

L: 1.5" W: .75" H: .6" WT: .3

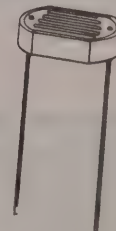
STOCK #	DESCRIPTION	PRICE
8683-OP	Multi Color Detector	\$5.00



CREDIT CARD-COD
ORDERS TAKEN BY PHONE
9:00 AM - 4:30 PM (EASTERN)
MONDAY - FRIDAY

CALL
561-848-8236
ORDERS ONLY
CALL
1-800-652-6733

PHOTO RESISTOR



Cadmium sulfide photo resistive element on a TO-5 ceramic substrate. >100K ohm dark resistance @ <2FtC: < 10 ohms @ >100FtC light. 50VDC max.

WT: .01

STOCK #	DESCRIPTION	--PRICE ea--
8681-OP	Photo Resistor	\$0.50 100+

YELLOW T-1 LED



Sharp GL3HY44 non-diffused, yellow LED's. T-1 clear cases. 2.0 VDC fwd drop @ 20mA. 5V max reverse, Luminous intensity = 10mcd @ 20mA min, 585nm peak wavelength. 1" long X .025 sq. leads.

WT: .001

STOCK #	DESCRIPTION	PRICE
8674-OP	Yellow T-1 LED	\$0.15

BLUE T-1-3/4 LED

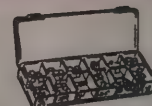


LEDTECH, Blue LED's. T-1-3/4 diffused blue tinted case. 3.1 VDC fwd drop @ 20mA., Luminous intensity = 2.8mcd @ 20mA, 470nm peak wavelength. 1" long X .025 sq. leads.

WT: .001

STOCK #	DESCRIPTION	PRICE
8219-OP	Blue T-1-3/4 LED	\$1.50

LED KIT



110 Piece, LED assortment packed in a plastic divider box, contains 10ea. of the following: jumbo red, green, yellow, orange and infrared; mini red, yellow and green; 30ea. black mounting clips for jumbo LEDs.

WT: .3

STOCK #	DESCRIPTION	PRICE
3770-OP	LED Kit	\$9.95

RED LED

Liteon LTL307E high efficiency red T1-3/4 LED. Rated: 635nm, 19 mcd intensity @ 10mA, 20mA continuous current max, 2V forward drop. Diffused for 50° viewing angle.

WT: .001



STOCK #	DESCRIPTION	PRICE
8612-OP	T 1-3/4 Red LED	\$0.10ea
	Buy a 100	\$0.06ea
	Super Buy on 1000	\$0.049ea
	Lifetime Supply of 5000	\$0.039ea

RED/GREEN BI-POLAR LED



Siemens LU5350-JM, Diffused, red & green LED. 3 lead T-1-3/4 Case. 4mcd @ 10mA. Max forward current = 45mA., Max. reverse volts = 5 VDC. Mounts in clips or solder in a PC board, 1" long X .025 sq. leads.

WT: .001

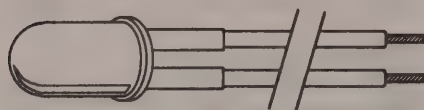
STOCK #	DESCRIPTION	PRICE
6481-OP	Red & Green LED	\$0.35

RED/GREEN BI-POLAR LED



MV5437, Diffused, red (660nm) & green (565nm) LED. 3 lead, white diffused T-1-3/4 Case. 6mcd @ 20mA. Max. reverse volts = 5 VDC. Mounts in clips or solder in a PC board, 1" long X .020 sq. leads.

STOCK #	DESCRIPTION	PRICE
7796-OP	Red & Green LED	\$0.35



ORANGE/GREEN BI-POLAR LED

Diffused, Orange & green LED. 2 lead T-1-3/4 Case. Max forward current either LED = 20mA. Mounts in clips 10" long leads.

WT: .001

STOCK #	DESCRIPTION	PRICE
7051-OP	Orange & Green LED	\$0.35

CLEAR CASE MINI RED LED



h/p, Red LED, similar to HLMP-K105. Non Diffused. Clear (untinted) T-1 Case, LED. Rated 1.8-2.2 VDC forward drop @ 20mA., max forward current = 30mA., reverse volts = 5 VDC. 45deg. viewing angle. 1/4" long X .125dia. with 1" X .018" sq. leads.

WT: .001

STOCK #	DESCRIPTION	PRICE
6666-OP	Clear Case Mini Red LED	\$0.06

HUMUNUGUS SQUARE RED LED



Unique 8mm sq., (5/16") jumbo diffused red LED with dome top, illuminate meters, use as pilot lamps, etc., min. intensity = 5.0mcd at 20mA. Sq: 8mm

WT: .01

STOCK #	DESCRIPTION	PRICE
2393-OP	Humungus Sq. Red LED	3/\$1.25

PC BOARD LED



P C mount LED assembly with a jumbo LED on top and on bottom. 20mA Max.

H: 1/2" W: 1/4" D: 5/8" WT: .001

STOCK #	DESCRIPTION	TOP LED	BOT LED	PRICE
5560-OP	PC LED	Green	Green	\$0.30
5197-OP	PC LED	Green	Red	\$0.35
6263-OP	PC LED	Red	Yellow	\$0.35

P.C. MOUNT LED



Mini diffused LEDs in .250" X .156" black plastic holder. Rated: 20mA., max forward current. 1" long X .025 sq. Solder in a PC board. Leads can be bent to mount LED at right angle

WT: .001

STOCK #	DESCRIPTION	---PRICE/pack---
		1ea 10
5820-OP	Yellow PC LED	\$0.25 \$1.80
5821-OP	Green PC LED	\$0.25 \$1.80

HUMUNGUS LEDs



Telefunken TLH 0400 series, 10mm, (7/16") jumbo diffused LEDs with dome top. Contains 2 LEDs with common Cathode. 20mA max fwd. current.

Dia: 10mm

WT: .004

STOCK #	DESCRIPTION	PRICE
5378-OP	Red Humungus LED	\$0.50
5379-OP	Green Humungus LED	\$0.50
5380-OP	Yellow Humungus LED	\$0.50

P.C. MOUNT LED



Red LED. Non Diffused, red T-1-3/4 Case, rated 1.7 VDC forward drop @ 20mA., max forward current = 100mA., reverse volts = 5 VDC. Mounts in clips or solder in a PC board, 1/4" long X .025 sq. leads.

WT: .11b/10 .31b/100

STOCK #	DESCRIPTION	---PRICE/pack---
		10 100
5185-OP	P.C. Mount LED	\$1.00 \$6.00

MINI RED LED



Stanley MVR3371X 630nm Red LED, Diffused, pastel pink 3mm(T-1) Case. Rated 2.8max VDC forward drop @ 20mA., max forward current = 30mA., reverse volts = 4 VDC. 1/4" long X .125dia. with 1" X .018" sq. leads.

WT: .001

STOCK #	DESCRIPTION	PRICE
8808-OP	Pastel Mini Red LED	10/\$1.00

POINTER SHAPED RED LED



Unique pointer (triangle) shaped diffused red LED. Max current: 20mA.

Arrow L: 3/16"

W: 1/8"

WT: .001

STOCK #	DESCRIPTION	PRICE
7527-OP	Arrow Shaped Red LED	\$0.10

LED'S/IC/OSCILLATORS

MINI LEDs .125" DIA. (3MM)



STOCK #	DESCRIPTION	PRICE ea		
		1	100	1000
0206-OP	Red T-1 LED	\$0.09	0.065	0.060
0972-OP	Green T-1 LED	\$0.10	0.075	0.065
0973-OP	Yellow T-1 LED	\$0.10	0.075	0.065

JUMBO LEDs



T-1-3/4 (.200: Dia.)

WT: .02/10 .2/100

STOCK #	DESCRIPTION	PRICE/pack	
		10	100
0641-OP	Red Jumbo LED	\$1.00	\$9.00
4085-OP	Green Jumbo LED	\$1.50	\$12.95
4086-OP	Yellow Jumbo LED	\$1.50	\$12.95
0711-OP	Orange Jumbo LED	\$1.50	\$12.95



LED SPECIAL

Jumbo diffused red LEDs and mounting clips, rated current= 20mA, max current=30mA, buy your LEDs and get mounting clips for one low price.

WT: .2lb/10 .4lb/100

STOCK #	DESCRIPTION	PRICE/pack	
		10	100
1413-OP	LED Special	\$1.75	\$16.50

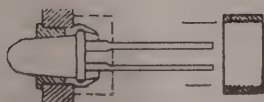


CLEAR CASE RED LED

Red LED. Non Diffused, Clear T-1-3/4 Case, rated 1.7 VDC forward drop @ 20mA., max forward current =100mA., reverse volts=5 VDC. Mounts in clips or soldered in a PC board, 7/8" long X .025 sq. leads.

WT: .01

STOCK #	DESCRIPTION	PRICE
4986-OP	Clear Case Jumbo LED	10/\$1.00



JUMBO LED MOUNTING CLIPS

Two part black plastic mounting clips for .200" LEDs, use to panel mount LEDs.

WT: .1/pack

STOCK #	DESCRIPTION	PRICE
0207-OP	Black LED Mtg. Clips	10/\$1.00

THERMOELECTRIC MODULE



Peltier Effect cooling module with 71 Pairs of couples. When powered one side gets cold while the other is hot. With proper heat sink & insulation will cool below 0 C°. 3.4A max, 8.0V max, 59 C° Max temp. Differential, 18W heat pumped (~55 BTU). Similar to Melcor CP-1.4-71-10L

L: 1-3/16" W: 1-3/16 T: .18 WT: .03

STOCK #	DESCRIPTION	PRICE
7075-PM	Peltier Module	\$16.95

THERMOELECTRIC MODULE & HEATSINK

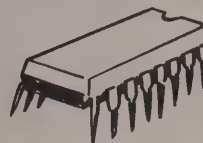


Peltier Effect cooling module with 127 Pairs of couples mounted to a heatsink assembly. When powered one side gets cold while the other is hot. Designed to cool the powerPC 601 CPU but has many other uses. For 12V DC operation & requires up to 2.5A. (Our 12VDC fan 7751-FN snaps into heatsink). Module is similar to Melcor CP-1-127-08L

L: 2-1/4" W: 2-1/4" T: 1" WT: .11

STOCK #	DESCRIPTION	PRICE
8688-PM	Peltier/Heatsink Module	\$19.95

PLL MOTOR CONTROL IC



Toshiba TC9203P Phase Lock Loop IC. Designed to control the spindle motor in Floppy Drives. Built in Oscillator, Auto Phase control, Auto Frequency control, many features needed to control motor speed.

WT: .01

STOCK #	DESCRIPTION	PRICE
8381-IC	Toshiba PLL	\$1.25

TOUCH TONE ENCODER IC & XTAL

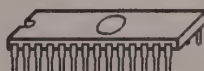


Mostek MK5089 DTMF encoder IC. We include with the IC a 3.579MHz. crystal. You need a 4 X 3 or 4 X 4, row & column to common keyboard, a couple caps & resistor to make a touch-tone encoder, incl. data sheet.

WT: .1

STOCK #	DESCRIPTION	PRICE
3152-IC	DTMF IC & Crystal	\$6.95

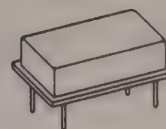
256K CMOS EPROM



Texas Inst. TMS27C256-15JL, CMOS EPROM. Organized as 32K X 8. 150 nS access time. Packaged in standard 28 pin ceramic DIP. Single 5V 200mW supply.

WT: .01

STOCK #	DESCRIPTION	PRICE ea		
		1+	13+	520+
5546-IC	256K EPROM	\$3.95	\$3.75	\$3.50



CLOCK/OSCILLATOR MODULES

Full sized, self-contained oscillators drive CMOS/ TTL circuits such as microprocessors. 0.01% stability, +5V DC. Fit in 14 pin IC socket.

Pin out is as shown below

Pin 1: N.C.

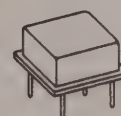
Pin 7: Ground

Pin 8: Output

Pin14: +5V DC.

WT: .01

STOCK #	FREQ. MHz	DESCRIPTION	PRICE
3397-CY	5.67500	Oscillator	\$3.00
5920-CY	10.00000	Oscillator	\$3.00
3395-CY	12.32500	Oscillator	\$3.00
5838-CY	14.31818	Oscillator	\$3.00
5922-CY	15.00000	Oscillator	\$3.00
5839-CY	16.00000	Oscillator	\$3.00
5840-CY	18.43200	Oscillator	\$3.00
5841-CY	19.93400	Oscillator	\$3.00
5842-CY	23.99040	Oscillator	\$3.00
5843-CY	24.00000	Oscillator	\$3.00
5924-CY	25.00000	Oscillator	\$3.00
5844-CY	25.17500	Oscillator	\$3.00
7047-CY	31.33440	Oscillator	\$3.00
5845-CY	32.00000	Oscillator	\$3.00
5926-CY	35.00000	Oscillator	\$3.00
6450-CY	36.00000	Oscillator	\$3.00
5927-CY	40.00000	Oscillator	\$3.00
5846-CY	41.00000	Oscillator	\$3.00
5847-CY	45.00000	Oscillator	\$3.50
5848-CY	64.00000	Oscillator	\$3.50
5929-CY	65.00000	Oscillator	\$3.50
6451-CY	66.00000	Oscillator	\$3.50



1/2 SIZE CLOCK/OSCILLATOR MODULES

Half sized, self-contained oscillators drive CMOS/ TTL circuits such as microprocessors. 0.01% stability, +5V DC. Fit in 14 pin IC socket.

Pin out is as shown below

Pin 1: N.C.

Pin 4: Ground

Pin 5: Output

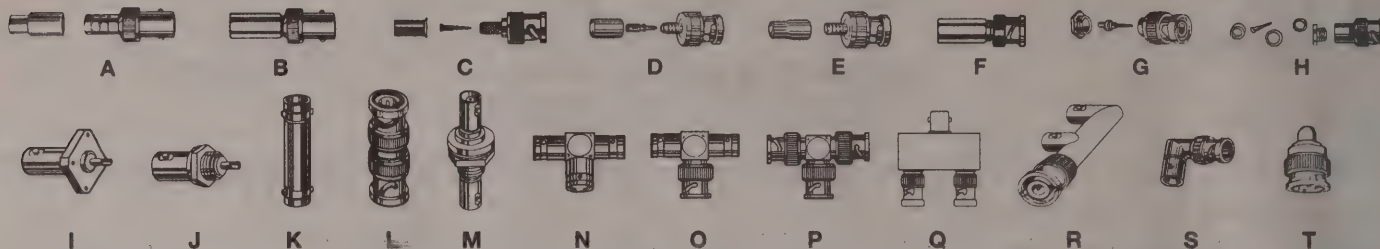
Pin 8: +5V DC.

WT: .01

STOCK #	FREQ. MHz	DESCRIPTION	PRICE
5852-CY	13.00000	Oscillator	\$3.50
5853-CY	14.74560	Oscillator	\$3.50
7045-CY	15.00000	Oscillator	\$3.50
6452-CY	16.00000	Oscillator	\$3.50
5854-CY	20.00000	Oscillator	\$3.50
6453-CY	32.00000	Oscillator	\$3.50
7046-CY	40.00000	Oscillator	\$3.50

CONNECTORS

BNC CONNECTORS



STOCK#	FIG.	TYPE	RG CABLE	DESCRIPTION	WT	-----PRICE ea-----		
						1+	25+	100+
3999-RC	A		58	2 Piece Crimp BNC Female Connector	.02	\$1.25	\$0.99	\$0.89
4585-RC	A		59,62	2 Piece Crimp BNC Female Connector	.02	\$1.25	\$0.99	\$0.89
4586-RC	A		6	2 Piece Crimp BNC Female Connector	.02	\$1.25	\$0.99	\$0.89
4587-RC	A		Teflon 59, 62	2 Piece Crimp BNC Female Connector	.02	\$1.50	\$1.25	\$0.99
5416-RC	B		58	Twist-on BNC Female Connector	.02	\$1.65	\$1.39	\$1.25
5417-RC	B		59,62	Twist-on BNC Female Connector	.02	\$1.65	\$1.39	\$1.25
5418-RC	B		Teflon 59,62	Twist-on BNC Female Connector	.02	\$1.65	\$1.39	\$1.25
5419-RC	B		6	Twist-on BNC Female Connector	.02	\$1.65	\$1.39	\$1.25
5401-RC	C		58	Standard 3 Piece Crimp BNC Male Connector	.02	\$1.25	\$0.99	\$0.89
5402-RC	C		Teflon 58	Standard 3 Piece Crimp BNC Male Connector	.02	\$1.25	\$0.99	\$0.89
5403-RC	C		59,62	Standard 3 Piece Crimp BNC Male Connector	.02	\$1.25	\$0.99	\$0.89
5404-RC	C		Teflon 59, 62	Standard 3 Piece Crimp BNC Male Connector	.02	\$1.25	\$0.99	\$0.89
5405-RC	C		6	Standard 3 Piece Crimp BNC Male Connector	.02	\$1.25	\$0.99	\$0.89
5406-RC	C		Belden 8281	Standard 3 Piece Crimp BNC Male Connector	.02	\$1.25	\$0.99	\$0.89
3998-RC	D		58	Economy 3 Piece Crimp BNC Male Connector	.02	\$1.10	\$0.89	\$0.79
5407-RC	D		Teflon 58	Economy 3 Piece Crimp BNC Male Connector	.02	\$1.10	\$0.89	\$0.79
5408-RC	D		59,62	Economy 3 Piece Crimp BNC Male Connector	.02	\$1.10	\$0.89	\$0.79
5409-RC	D		Teflon 59,62	Economy 3 Piece Crimp BNC Male Connector	.02	\$1.10	\$0.89	\$0.79
5410-RC	D		6	Economy 3 Piece Crimp BNC Male Connector	.02	\$1.10	\$0.89	\$0.79
5411-RC	D		174	Economy 3 Piece Crimp BNC Male Connector	.02	\$1.25	\$0.99	\$0.89
5426-RC	E		58	2 Piece Crimp BNC Male Connector	.02	\$1.20	\$0.99	\$0.89
5427-RC	E		Teflon 58	2 Piece Crimp BNC Male Connector	.02	\$1.20	\$0.99	\$0.89
5428-RC	E		59,62	2 Piece Crimp BNC Male Connector	.02	\$1.20	\$0.99	\$0.89
5429-RC	E		Stranded 59,62	2 Piece Crimp BNC Male Connector	.02	\$1.20	\$0.99	\$0.89
5430-RC	E		Teflon 59,62	2 Piece Crimp BNC Male Connector	.02	\$1.20	\$0.99	\$0.89
5431-RC	E		6	2 Piece Crimp BNC Male Connector	.02	\$1.20	\$0.99	\$0.89
5432-RC	E		Belden 8281	2 Piece Crimp BNC Male Connector	.02	\$1.20	\$0.99	\$0.89
5420-RC	F		58	Twist-on BNC Male Connector	.02	\$1.50	\$1.25	\$0.99
5421-RC	F		Teflon 58	Twist-on BNC Male Connector	.02	\$1.50	\$1.25	\$0.99
5422-RC	F		59,62	Twist-on BNC Male Connector	.02	\$1.50	\$1.25	\$0.99
5423-RC	F		Teflon 59,62	Twist-on BNC Male Connector	.02	\$1.50	\$1.25	\$0.99
5424-RC	F		6	Twist-on BNC Male Connector	.02	\$1.50	\$1.25	\$0.99
5425-RC	F		Belden 8281	Twist-on BNC Male Connector	.02	\$1.65	\$1.35	\$1.15
5412-RC	G		58	3 piece Solder BNC Male Connector	.02	\$1.50	\$1.30	\$1.19
5413-RC	G		59,62	3 piece Solder BNC Male Connector	.02	\$1.50	\$1.30	\$1.19
5414-RC	G		Teflon 59,62	3 piece Solder BNC Male Connector	.02	\$1.50	\$1.30	\$1.19
5433-RC	H		58	Standard Solder BNC Male Connector	.02	\$1.45	\$1.25	\$1.15
5434-RC	H		59,62	Standard Solder BNC Male Connector	.02	\$1.45	\$1.25	\$1.15
5415-RC	I	UG-290	-	BNC Female 4 Hole Panel Mount	.1	\$0.78	\$0.73	-
0507-RC	J	UG1094	-	BNC Female Single Hole Panel Mount	.1	\$1.00	\$0.89	\$0.79
0508-RC	K		-	BNC Adaptor 2 Female Connectors	.1	\$1.45	\$1.29	\$0.99
0509-RC	L		-	BNC Adaptor 2 Male Connectors	.1	\$1.95	\$1.79	\$1.60
0557-RC	M	UG492	-	BNC Bulkhead Mount 2 Female Connectors Not Isolated	.1	\$2.95	-	-
5435-RC	M	UG492	-	BNC Bulkhead Mount 2 Female Connectors Isolated	.1	\$3.35	-	-
5436-RC	N		-	BNC "TEE" 3 Female Connectors	.1	\$1.95	-	-
0511-RC	O		-	BNC "TEE" 2 Female & 1 Male Connectors	.1	\$2.25	\$1.99	\$1.59
5437-RC	P		-	BNC "TEE" 3 Male Connectors	.1	\$2.95	-	-
0573-RC	Q		-	BNC Stright "TEE" 2 Male & 1 Female Connectors	.1	\$5.00	-	-
6518-RC	R		-	BNC LAN "TEE" 2 Female & 1 Male Connectors	.1	\$4.99	-	-
0510-RC	S	UG306	-	BNC "Elbow" 1 Female - 1 Male Connectors	.1	\$2.50	-	-
3131-PL	T		-	BNC Male 93 Ohm 1/2 Watt Terminator	.1	\$2.49	-	-
3137-PL	T		-	BNC Male 75 Ohm 1/2 Watt Terminator	.1	\$2.49	-	-
3138-PL	T		-	BNC Male 50 Ohm 1/2 Watt Terminator	.1	\$2.49	-	-

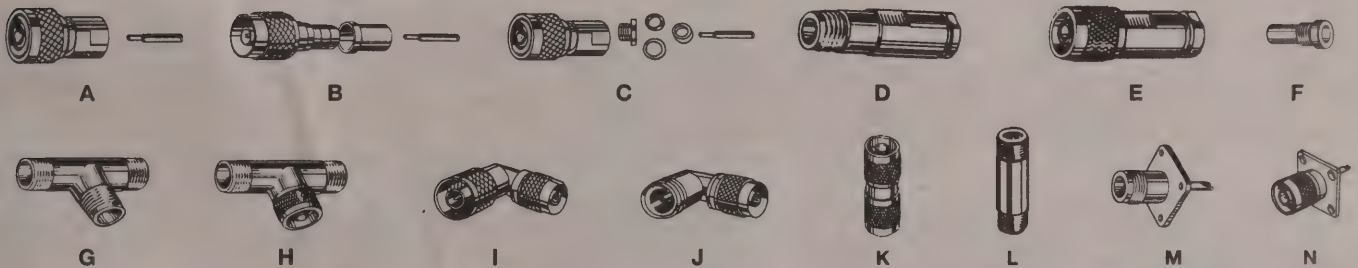
CONNECTORS

UHF CONNECTORS



STOCK#	FIG.	TYPE	RG CABLE	DESCRIPTION	WT	-----PRICE ea-----		
						1+	25+	100+
0500-RC	A	PL-259	8,11,213,214	Solder Type UHF Male Connector with Plastic Insulator	.02	\$0.75	\$0.69	\$0.65
4943-RC	A	PL-259	8,11,213,214	Solder Type UHF Male Connector with Teflon Insulator	.02	\$1.25	\$1.15	-
0525-RC	B	175	Reducer For 58U	Adapts RG-58 Cable to UHF Connector	.01	\$0.25	\$0.20	\$0.18
0524-RC	B	176	Reducer For 59U	Adapts RG-58 Cable to UHF Connector	.01	\$0.25	\$0.20	\$0.18
4690-RC	A	PL-259	8,11,213,214	Solder Type Silver Plated UHF Male Connector	.02	\$1.65	\$1.45	\$1.25
4691-RC	B	175	Reducer For 58U	Silver Plated Adaptor RG-58 Cable to UHF Connector	.01	\$0.40	\$0.35	\$0.30
4692-RC	B	176	Reducer For 59U	Silver Plated Adaptor RG-59 Cable to UHF Connector	.01	\$0.40	\$0.35	\$0.30
5438-RC	C	PL-259	58	2 Piece Crimp UHF Male Connector	.05	\$1.25	\$0.99	\$0.89
5439-RC	C	PL-259	59	2 Piece Crimp UHF Male Connector	.05	\$1.25	\$0.99	\$0.89
5440-RC	C	PL-259	6	2 Piece Crimp UHF Male Connector	.05	\$1.25	\$0.99	\$0.89
5441-RC	C	PL-259	Micro 8	2 Piece Crimp UHF Male Connector	.05	\$1.25	\$0.99	\$0.89
5442-RC	A	PL-259	58	Twist-on UHF Male Connector	.05	\$1.25	\$1.10	\$0.99
5443-RC	A	PL-259	59	Twist-on UHF Male Connector	.05	\$1.25	\$1.10	\$0.99
0505-RC	D	M-358	-	UHF "TEE" 2 Female-1 Male	.1	\$2.45	\$2.05	-
0504-RC	E	M-359	-	UHF "Elbow" 1 Female-1 Male	.1	\$2.00	\$1.89	-
0502-RC	F	PL-258	-	UHF Adaptor 2 Females	.1	\$1.00	\$0.89	-
0503-RC	G	DM-1	-	UHF Adaptor 2 Males	.1	\$1.50	\$1.40	-
0583-RC	H	-	-	UHF Threaded Bulkhead 2 Females	.1	\$2.75	\$2.59	\$2.11
0501-RC	I	SO-239	-	UHF Female 4 Hole Panel Mount	.1	\$0.65	\$0.61	\$0.58
5444-RC	J	-	-	UHF Female Single Hole Mount	.1	\$1.50	\$1.43	\$1.12

"N" CONNECTORS



STOCK#	FIG.	TYPE	RG CABLE	DESCRIPTION	WT	-----PRICE ea-----		
						1+	25+	100+
5445-RC	A	-	8,11,213,214	Twist-on "N" Male Connector	.05	\$3.25	\$2.95	\$2.25
5446-RC	B	-	8,11,213,214	3 pc Crimp-on "N" Male Connector	.05	\$2.25	\$1.95	\$1.75
5447-RC	B	-	59U	3 pc Crimp-on "N" Male Connector	.05	\$2.25	\$1.95	\$1.75
0512-RC	C	UG-21	8,11	Solder Type "N" Male Connector	.1	\$2.75	\$2.50	\$1.95
0533-RC	D	UG-23	8,11	Solder Type "N" Female Connector	.1	\$3.50	\$3.25	\$2.25
5582-RC	C	-	8,11	Silver Plated Solder Type "N" Male Connector	.1	\$4.75	\$4.50	\$4.20
4691-RC	F	-	Reducer For 58U	Silver Plated Adaptor RG-58 Cable to "N" Connector	.01	\$0.40	\$0.35	\$0.30
4692-RC	F	-	Reducer For 59U	Silver Plated Adaptor RG-59 Cable to "N" Connector	.01	\$0.40	\$0.35	\$0.30
5398-RC	C	UG-563	58	Solder Type "N" Male Connector for RG-58	.1	\$2.95	\$2.60	\$2.09
5448-RC	E	-	-	50 Ohm Terminator "N" Male Connector	.1	\$3.95	\$3.69	-
0534-RC	G	UG-28	-	"N" "TEE" with 3 Female Connectors	.1	\$5.00	\$4.59	\$3.98
0517-RC	H	UG-107	-	"N" "TEE" 2 Female & 1 Male Connectors	.1	\$5.00	\$4.59	\$3.98
5449-RC	I	-	-	"N" "Elbow" 2 Male Connectors	.1	\$3.75	\$3.55	\$3.29
0516-RC	J	UG-27	-	"N" "Elbow" 1 Female & 1 Male Connector	.1	\$3.50	\$3.20	\$2.98
0515-RC	K	UG-57	-	"N" Adaptor with 2 Male Connectors	.1	\$2.95	\$2.77	\$2.59
0514-RC	L	UG-29	-	"N" Adaptor with 2 Female Connectors	.1	\$2.50	\$2.13	\$1.98
0513-RC	M	UG-58	-	"N" Female 4 Hole Panel Mount	.1	\$2.50	\$2.33	\$1.98
4514-RC	N	-	-	"N" Male 4 Hole Panel Mount	.1	\$2.50	-	-

CONNECTORS

BETWEEN SERIES ADAPTORS



WT: .1

STOCK#	FIG.	TYPE	DESCRIPTION	PRICE
0519-RC	A	UG255	BNC Male to UHF Female	\$2.50
7296-RC	B	-	BNC Male to UHF Male	\$3.20
0518-RC	C	UG273	BNC Female to UHF Male	\$1.95
7297-RC	D	-	BNC Female to UHF Female	\$2.50
0523-RC	E	UG349	BNC Male to "N" Female	\$3.40
0521-RC	F	UG201	BNC Female to "N" Male	\$4.00
0574-RC	G	-	BNC Female to "N" Female	\$3.40
0575-RC	H	-	BNC Male to "N" Male	\$4.95
7298-RC	I	-	BNC Male to RCA Male	\$2.10
0548-RC	J	-	BNC female to RCA Male	\$1.30
0549-RC	K	-	BNC Male to RCA Female	\$1.25
0522-RC	L	UG83	UHF Male to "N" Female	\$3.40
0520-RC	M	UG146	UHF Female to "N" Male	\$3.40
0547-RC	N	-	UHF Female to RCA Male	\$1.50
0546-RC	O	-	UHF Male to RCA Female	\$1.50
4123-RC	P	-	UHF Male to UHF Female Surge Sup.	\$2.25
0578-RC	Q	-	TNC male to BNC Female	\$2.50

AMPHENOL CONNECTORS



Not all connectors are pictured. Those shown are representative only

WT: .1

STOCK#	UG-	AMPH.#	DESCRIPTION	PRICE
3781-RC	573A	82530	"C" Stright Plug for RG-8/9	\$9.95
3782-RC	23E	823209	"N" Stright Jack for RG-8/9	\$2.25
3785-RC	260	31012	BNC Stright Plug for RG-59	\$1.25
3787-RC	657	31102	BNC Bulkhead Jack	\$1.75
4032-RC	274A	31208	BNC "Tee" 2F-1M	\$3.50
4051-RC	-	83-23	UHF Male to Female Ground Block	\$1.50

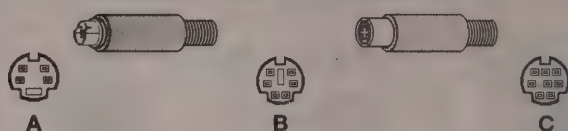
RCA CONNECTORS



WT: .004

STOCK#	FIG	TYPE	DESCRIPTION	PRICE ea		
				1	10+	100+
4674-PL	A	Plug	Red Plastic Back	\$0.19	\$0.16	\$0.13
4675-PL	A	Plug	Black Plastic Back	\$0.19	\$0.16	\$0.13
5518-PL	B	Plug	Metal Back	\$0.57	\$0.47	\$0.38
5519-PL	C	Jack	Red Plastic Back	\$0.23	\$0.19	\$0.15
5520-PL	C	Jack	Black Plastic Back	\$0.23	\$0.19	\$0.15
5521-PL	D	Jack	Metal Back	\$0.76	\$0.63	\$0.51
5522-PL	E	Jack	Panel Mount	\$0.41	\$0.34	\$0.27

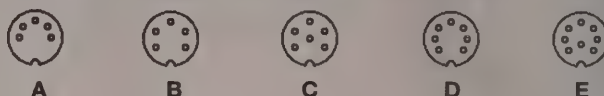
MINI DIN CABLE CONNECTORS



WT: .02

STOCK#	FIG	TYPE	DESCRIPTION	PRICE ea		
				1	25+	100+
5601-PL	A	Male	4 Pin Mini DIN	\$0.87	\$0.73	\$0.58
5602-PL	A	Female	4 Pin Mini DIN	\$1.12	\$0.93	\$0.74
5603-PL	B	Male	6 Pin Mini DIN	\$1.05	\$0.88	\$0.70
5604-PL	B	Female	6 Pin Mini DIN	\$1.26	\$1.05	\$0.84
5605-PL	C	Male	8 Pin Mini DIN	\$1.46	\$1.21	\$0.97
5606-PL	C	Female	8 Pin Mini DIN	\$1.70	\$1.42	\$1.13

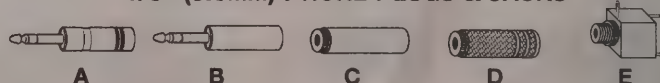
STANDARD DIN CABLE CONNECTORS



WT: .02

STOCK#	FIG	TYPE	DESCRIPTION	PRICE ea		
				1	25+	100+
5607-PL	A	Male	5 Pin 45° DIN	\$0.42	\$0.35	\$0.28
5608-PL	A	Female	5 Pin 45° DIN	\$0.63	\$0.53	\$0.42
5609-PL	B	Male	5 Pin 60° DIN	\$0.46	\$0.39	\$0.31
5610-PL	B	Female	5 Pin 60° DIN	\$0.69	\$0.58	\$0.46
5611-PL	C	Male	6 Pin DIN	\$0.48	\$0.40	\$0.32
5612-PL	C	Female	6 Pin DIN	\$0.72	\$0.60	\$0.48
5613-PL	D	Male	7 Pin DIN	\$0.60	\$0.50	\$0.40
5614-PL	D	Female	7 Pin DIN	\$0.81	\$0.68	\$0.54
5615-PL	E	Male	8 Pin DIN	\$0.56	\$0.46	\$0.37
5616-PL	E	Female	8 Pin DIN	\$0.78	\$0.65	\$0.52

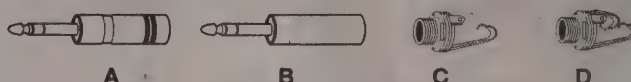
1/8" (3.5MM) PHONE PLUGS & JACKS



WT: .02

STOCK#	FIG	TYPE	PRICE ea		
			1	10+	100+
2187-PL	A	Mono Plug Metal Back	\$0.52	\$0.43	\$0.35
1868-PL	B	Mono Plug Plastic Back	\$0.15	\$0.13	\$0.10
5514-PL	A	Stereo Plug Metal Back	\$0.64	\$0.53	\$0.43
4015-PL	B	Stereo Plug Plastic Back	\$0.37	\$0.31	\$0.25
1927-PL	C	Mono Jack Plastic Back	\$0.50	\$0.46	\$0.39
5516-PL	D	Mono Jack Metal Back	\$0.86	\$0.72	\$0.58
5517-PL	D	Stereo Jack Metal Back	\$0.86	\$0.72	\$0.58
7093-PL	E	Mono Enc. Panel Jack	\$0.25	\$0.21	\$0.18
5515-PL	E	Stereo Enc. Panel Jack	\$0.38	\$0.32	\$0.25

1/4" PHONE PLUGS & JACKS



WT: .02

A/C = Normally Closed Auxillary Tip Contact

STOCK#	FIG	TYPE	PRICE ea		
			1	10+	100+
7236-PL	A	Mono Plug Metal Back	\$0.72	\$0.60	\$0.48
7237-PL	B	Mono Plug Plastic Back	\$0.48	\$0.40	\$0.32
7238-PL	A	Stereo Plug Metal Back	\$0.97	\$0.81	\$0.64
7239-PL	B	Stereo Plug Plastic Back	\$0.52	\$0.43	\$0.35
7240-PL	C	Mono Panel Jack	\$0.56	\$0.47	\$0.37
7241-PL	D	Mono Panel Jack A/C	\$0.62	\$0.52	\$0.42
7242-PL	C	Stereo Panel Jack	\$0.79	\$0.66	\$0.53
7243-PL	D	Stereo Panel Jack A/C	\$0.93	\$0.78	\$0.62

CONNECTORS

DB CONNECTORS

GOLD PLATED CONTACTS



SOLDER CUP

WT: .1

STOCK #	DESCRIPTION	PRICE
2856-PL	DB-9 Male Solder	\$0.30
2857-PL	DB-9 Female Solder	\$0.30
5395-PL	DB-15 Male Hi-Density	\$0.59
5394-PL	DB-15 Female Hi-Density	\$0.59
2859-PL	DB-9 Hood (Fits DB15 HD)	\$0.55
2860-PL	DB-15 Male Solder	\$0.45
2861-PL	DB-15 Female Solder	\$0.55
0133-PL	DB-15 Hood	\$0.75
2444-PL	DB-25 Male Solder	\$0.50
2445-PL	DB-25 Female Solder	\$0.50
2446-PL	DB-25 Hood	\$0.50
2865-PL	DB-37 Male Solder	\$0.65
2866-PL	DB-37 Female Solder	\$0.65
0134-PL	DB-37 Hood	\$1.00
6949-PL	DB-50 Male Solder	\$1.95
6950-PL	DB-50 Female Solder	\$1.85
0136-PL	DB-50 Hood	\$1.25

HEADER CONNECTORS

GOLD PLATED
.025" CONTACTS
.100" SPACING



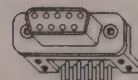
A



B

STOCK #	FIG.	DESCRIPTION	PRICE ea-- 1+ 10+
4467-PL	A	10 (2X5) Header	\$0.25 \$0.21
4468-PL	A	14 (2X7) Header	\$0.30 \$0.27
4469-PL	A	16 (2X8) Header	\$0.36 \$0.33
3690-PL	A	18 (2X9) Header	\$0.35 \$0.30
4470-PL	A	20 (2X10) Header	\$0.44 \$0.39
4471-PL	A	34 (2X17) Header	\$0.66 \$0.60
4472-PL	A	40 (2X20) Header	\$0.80 \$0.75
4473-PL	A	50 (2X25) Header	\$0.98 \$0.90
7545-PL	A	80 (2X40) Header	\$1.10 \$0.98
5721-PL	B	14 (2X7) Header	\$0.35 \$0.30
5722-PL	B	20 (2X10) Header	\$0.45 \$0.40
5723-PL	B	34 (2X17) Header	\$0.75 \$0.70
5724-PL	B	40 (2X20) Header	\$0.90 \$0.80
5725-PL	B	50 (2X25) Header	\$1.10 \$0.95

PC MOUNT DB-9 CONNECTORS



A



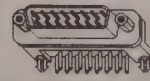
B

DB-9 male & Female, right angle, PC mount connectors. Metal face. Gold plated contacts. Male has solder mtg. tabs.

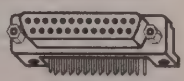
WT: .02

STOCK #	FIG.	DESCRIPTION	PRICE
4840-PL	A	DB-9 Female Rt. Ang.	\$0.45
4896-PL	B	DB-9 Male Rt. Ang.	\$0.45

RIGHT ANGLE DB CONNECTORS



A



B

Right angle, PC mount DB connectors. Metal face. Gold plated contacts. Male has solder mtg. tabs.

WT: .03

STOCK #	FIG.	DESCRIPTION	PRICE
5687-PL	A	DB-15 Male Rt. Ang.	\$0.65
5688-PL	B	DB-25 Female Rt. Ang.	\$0.50

DB CONNECTORS

INSULATION DISPLACEMENT



GOLD PLATED CONTACTS
FOR .05" SPACING FLAT CABLE

WT: .1

STOCK #	DESCRIPTION	PRICE
2870-PL	DB-9 Male IDC	\$1.95
2871-PL	DB-9 Female IDC	\$1.95
2872-PL	DB-15 Male IDC	\$2.25
2873-PL	DB-15 Female IDC	\$2.25
0922-PL	DB-25 Male IDC	\$1.50
0928-PL	DB-25 Female IDC	\$1.50
2874-PL	DB-37 Male IDC	\$4.50
0835-PL	DB-37 Female IDC	\$4.50

HEADER CONNECTORS

INSULATION DISPLACEMENT

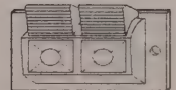


GOLD PLATED
ACCEPT .025" SQUARE CONTACTS
.100" SPACING

WT: .1

STOCK #	DESCRIPTION	PRICE
0891-HC	10 (2X5) Socket Header	\$0.55
2882-HC	14 (2X7) Socket Header	\$0.65
0893-HC	16 (2X8) Socket Header	\$0.70
2883-HC	20 (2X10) Socket Header	\$0.75
0895-HC	26 (2X13) Socket Header	\$0.80
4709-PL	34 (2X17) Socket Header	\$0.85
2884-HC	40 (2X20) Socket Header	\$0.95
4710-PL	50 (2X25) Socket Header	\$1.20

QUICK CONNECT TERMINAL STRIPS



2 position red & black terminal strip for Power supplies, audio equipment etc. Solder tabs on back.

WT: .22

STOCK #	DESCRIPTION	PRICE ea 1+ 10+
4298-TS	Quick Conn. Strip	\$0.50 \$0.45

PC BOARD EDGE CONNECTORS

INSULATION DISPLACEMENT

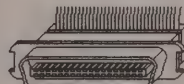


GOLD PLATED CONTACTS
FOR .05" SPACING FLAT CABLE
.100" SPACING PC BOARD FINGERS
.062" THICK PC BOARD

WT: .2

STOCK #	DESCRIPTION	PRICE
2877-EC	20 (2X10) PC Board Edge	\$0.92
2878-EC	26 (2X13) PC Board Edge	\$1.10
2879-EC	34 (2X17) PC Board Edge	\$1.15
2880-EC	40 (2X20) PC Board Edge	\$1.50
2881-EC	50 (2X25) PC Board Edge	\$1.75

RIBBON CONNECTORS



INSULATION
DISPLACEMENT



SOLDER
CUP

Gold Plated Contacts IDC For .05" Spacing Flat Cable. Solder & Chassis type have solder cup. Male solder type have back shell. 36 Pin Version used on Printers & is known as "Centronics" connector.

WT: .2

STOCK #	DESCRIPTION	PRICE
0351-PL	36 Pin IDC Male	\$2.50
0352-PL	36 Pin IDC Female	\$2.50
3562-PL	24 Pin IDC Male	\$2.00
3053-PL	24 Pin IDC Female	\$2.00
2151-PL	36 Pin Male Solder	\$4.00
2862-PL	36 Pin Chassis Female	\$4.00
3054-PL	24 Pin Chassis Female	\$3.50
3561-PL	50 Pin Male Solder	\$4.00

PC TERMINAL STRIPS

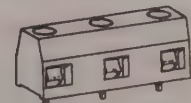


2 & 3 position PC mount terminal strips. 5mm pin spacing. Dead front, closed entry with recessed captive screws. Rated 15A, 250VAC. 14AWG max 22AWG min wire size.

H: 7/16" D: 7/16"

WT: .002/Pos

STOCK #	DESCRIPTION	PRICE
7398-TS	2 Pos. Terminal Strip	\$0.35
7399-TS	3 Pos. Terminal Strip	\$0.49



TERMINAL STRIP

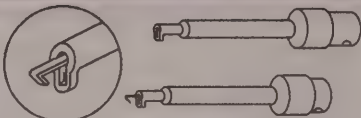
3 position PC strip. 10.16mm (.400") pin spacing. Dead front, closed entry with recessed captive screws. Rated 15A, 250VAC. 14AWG max 22AWG min wire size.

WT: .01

STOCK #	DESCRIPTION	PRICE
8468-TS	3 Pos. Terminal Strip	\$0.35

CONNECTORS

TEST HOOKS

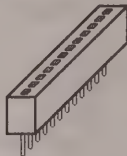


Red & Black beryllium copper test hooks designed to clip to component leads leaving your hands free. 1-1/2" probe length, 2-1/4" long overall, 1/2" body Dia. Add your own wire for custom lengths. For lab, shop or school.

WT: .005

STOCK #	DESCRIPTION	PRICE
7161-MI	Red Component Clip	\$0.50
7163-MI	Black Component Clip	\$0.50

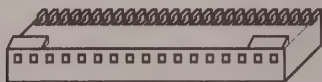
SIP SOCKET



Robinson/Nugent 12 position single-in-line socket. .1" pin to pin spacing. For displays, memory IC's, resistor modules. End stackable for longer arrays.

WT: .001

STOCK #	DESCRIPTION	PRICE
4019-IS	SIP Socket	\$0.25



IDC HEADERS

Socket connectors accept discrete 22-26 AWG wire or flat cable, single inline contacts on .100" spacing. Mate round or .025"Sq pins.

WT: .1

STOCK #	DESCRIPTION	PRICE
2273-PL	7 Pos. IDC Header	\$0.25
2274-PL	17 Pos. IDC Header	\$0.33

TERMINAL ASSORTMENT



40 piece assortment. Contains: Spade; 8 pcs, 12-18 Ga & 2 PC 10-12 Ga.; Ring; 7 pcs., 14-16 Ga. & 3 pcs. 10-12 Ga.; 1/4" Quick Connect; 10 pcs. each male & female; Butt; 5 pieces each, 18-22 Ga & 14-16 Ga.

WT: .4

STOCK #	DESCRIPTION	PRICE
1360-TM	40 Terminal Assortment	\$1.50

TRANSISTOR MTG. INSULATORS



For transistors or regulators. Silicone rubber fit TO-3 type devices while the Mica one fits TO-220 type devices

WT: .02

STOCK #	DESCRIPTION	PRICE
1249-SC	Silicone TO-3 Insulator	5/\$1.00
0169-SC	Mica TO-220 Insulator	20/\$1.00

3 POS. TERMINAL STRIP



Chinch, dual row, 3 position, heavy duty, barrier strip. Black phenolic with open bottom. Rated 20A Max. UL/CSA Listed

L: 2-1/16" W: 1-1/8" H: 1/2" WT: .1

STOCK #	DESCRIPTION	PRICE
8372-TS	3 Pos. Terminal Strip	\$0.39

5 POS. TERMINAL STRIP



Kulka #599-GP-5 single row, 5 position terminal strip with removable, dual .187" quick connect male terminals. 6-32 plated brass screws. Rated 15A.

L: 2-1/2" W: 9/16" H: 11/16" WT: .04

STOCK #	DESCRIPTION	PRICE
8635-TS	5 Pos. Terminal Strip	\$0.65

BANANA PLUGS



Red or black banana plugs with nickel plated brass Four leaved spring tip, thermoplastic cover. Solder connection.

WT: .05

STOCK #	DESCRIPTION	PRICE
8070-PL	Red Banana Plug	\$0.25
8071-PL	Black Banana Plug	\$0.25

BOARD EDGE CONNECTORS



* Gold Plated Contacts

WT: .2

STOCK #	CONTACT	PIN SPACING	TAIL TYPE	PRICE
4810-EC	6 single *	.156	Eyelet	\$1.00
0654-EC	10 Single *	.156	Eyelet	\$1.00
2268-EC	20 (2X10) *	.156	Eyelet	\$0.92
0121-EC	44 (2X22) *	.156	Eyelet	\$2.00
5369-EC	30 (2X15)	.125	W/W	\$1.25
1870-EC	44 (2X22) *	.125	W/W	\$1.25
0125-EC	100 (2X50) *	.100	W/W	\$3.95

SOLDER TAIL IC SOCKETS



STOCK #	DESCRIPTION	PRICE
0143-IS	14 Pin Socket	\$0.14
0146-IS	24 Pin Socket	\$0.24
0870-IS	36 Pin Socket	\$0.42

COMPONENT TEST CLIP

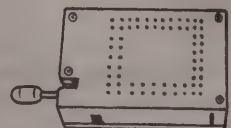


Grayhill 2-0 all metal test clip. Mounts on panels up to .25" thick. 8-32 threaded mounting stud. 3/4" long. Designed for testing resistors, diodes etc.

T: 3/8" W: 1/2" H: 1-5/8" WT: .011

STOCK #	DESCRIPTION	PRICE
7548-PL	Grayhill Test Clip	\$0.59

PIN GRID ZIF SOCKET



Textool 73 Pins in 11X11 array ZIF socket for pin grid IC's. Used in programers, or test fixtures.

WT: .2

STOCK #	DESCRIPTION	PRICE
7546-IS	73 Pin Grid ZIF Socket	\$5.00

CONNECTORS

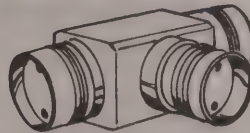


50 OHM BNC TERMINATOR

Male BNC connector with 1/2W 50 ohm terminating resistor. 4in Chain to attach to panel.

WT: .03

STOCK #	DESCRIPTION	PRICE
7547-RC	50 ohm BNC Terminator	\$1.25



TWIN-AX "T" CONNECTOR

Amphenol 82-5677 Twin-axial "T" connector for use in 78 & 95 ohm networks. 3 Jacks, equivalent to IBM 685117.

WT: .27

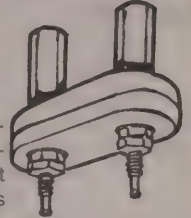
STOCK #	DESCRIPTION	PRICE
3037-PL	Twin-Axial "T"	\$5.95

DUAL BINDING POSTS

HH Smith #209 metal dual binding posts with plastic base insulators. Banana plug socket in top and hole in post. Mounts in two .5" holes. Solder lug terminal on back stud. For power supplies etc.

L: 5/8" + Stud

Dia: 5/16" WT: .05



TWIST-ON BNC CONNECTOR

Used, reusable, twist-on BNC connector for RG-59; strip back the insulation & twist on the connector.

WT: .002

STOCK #	DESCRIPTION	PRICE
4942-RC	Used Twist-on BNC	\$1.00

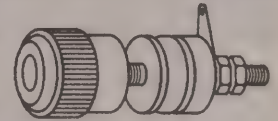


PL-259 ADAPTER

Unique adapter made of a PL-259 UHF connector with center contact screwed into a 2-1/4" long stud. Stud has a 6mm thread on other end. For antennas, field strength meters.

WT: .09

STOCK #	DESCRIPTION	--PRICE ea--
		1+ 10+
0555-RC	PL259 Adapter	\$0.50 \$0.20



BINDING POSTS

Red & Black binding posts with serrated edge for easy grip. Banana plug socket in top. Mounts in .300" hole. Solder lug terminal on back stud. For power supplies etc.

L: .9" + Stud

Dia: .6"

WT: .019

STOCK #	DESCRIPTION	--PRICE ea--
		1+ 10+
7325-BP	Red Binding Post	\$0.65 \$0.50
7326-BP	Black Binding Post	\$0.65 \$0.50



"LAND MOBILE" ANT.

155-164MHz

--Police--Maritime--Fire
5/16-32 threaded stud

WT: .2

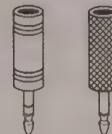
STOCK #	DESCRIPTION	PRICE
1456-AN	Land Mobile Antenna	\$2.95

PHONE PLUG ADAPTERS

Adapts Stereo 1/4" phone plug to 1/8" mono or stereo phone plug. Molded plastic case, 1/2" dia X 2-1/4" long.

WT: .03

STOCK #	DESCRIPTION	PRICE
3721-PL	1/4" Stereo to 1/8" Mono	\$0.50
3722-PL	1/4" Stereo to 1/8" Stereo	\$0.50

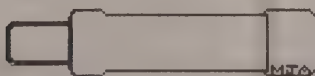


BLACK BINDING POST

HH Smith® #1275-103 black binding post. Rated 15A max, 2KV max. Accepts wire, spade lugs, & banana plug in top. Mounts in 1/4" "D" hole.

WT: .06

STOCK #	DESCRIPTION	PRICE
4150-BP	Black Binding Post	\$0.75



"STUBBY" ANTENNA

Signals Comm. Corp. 2" (2-7/8" overall) flexible "stubby" antenna. For 318 MHz, (C-UHF), .280" Dia. X .375" stud with 4-40 threaded hole

WT: .05

STOCK #	DESCRIPTION	PRICE
4474-AN	318 MHz Antenna	\$4.95

1/8" PHONE MONO/STEREO ADAPTOR

1/8" (3.5mm) mono plug to 1/8" stereo jack. 1.5" molded plastic body.

L: 1-1/2" Dia: 7/16"

WT: .02

STOCK #	DESCRIPTION	---PRICE ea---
		1+ 10+ 100+
4006-PL	1/8" Adaptor	\$0.50 \$0.25 \$0.20



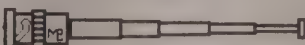
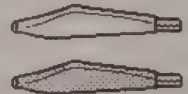
MINI ALLIGATOR CLIPS

1-1/4" long, red or black insulated mini alligator clips. For test leads, clip leads, or test jigs.

L: 1-1/4"

WT: .007

STOCK #	DESCRIPTION	PRICE
7455-MI	Red Mini Alligator Clips	\$0.25
7457-MI	Black Mini Alligator Clips	\$0.25



TWO METER 1/4 WAVE TELESCOPING ANTENNA

Multi-section, chrome plated brass antenna that greatly improve transceiver performance when compared to helical spring antennas. BNC male connector.

WT: .3

STOCK #	DESCRIPTION	PRICE
0065-AN	2 Meter 1/4 Wave Antenna	\$7.95



CREDIT CARD-COD
ORDERS TAKEN BY PHONE
9:00 AM - 4:30 PM (EASTERN)

MONDAY - FRIDAY

CALL

561-848-8236

ORDERS ONLY

CALL

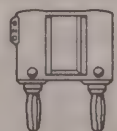
1-800-652-6733

BANANA PLUG SHORTING BAR

Pomona® #MDP-S-O Stackable dual banana plug grounding/shorting bar. Used with test equipment to ground one of the floating input/outputs.

WT: .04

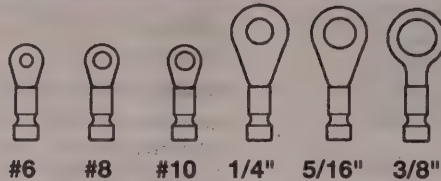
STOCK #	DESCRIPTION	PRICE
6511-PL	Banana Shorting Bar	\$2.50



TERMINALS

RED RING

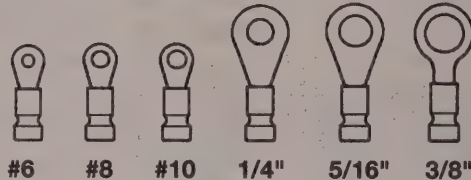
For 16-22 AWG
Wire
Vinyl Insulated



STOCK #	STUD SIZE	COST/ 100 Pcs	WT.	COST/ 1000 Pcs	Wt.
1721-TM	#6	3.20	0.2	30.00	2.0
4422-TM	#8	3.20	0.2	30.00	2.0
0372-TM	#10	3.20	0.2	30.00	2.0
5733-TM	1/4"	4.80	0.3	42.00	3.0
5734-TM	5/16"	4.80	0.4	42.00	4.0
5735-TM	3/8"	6.40	0.4	54.00	4.0

BLUE RING

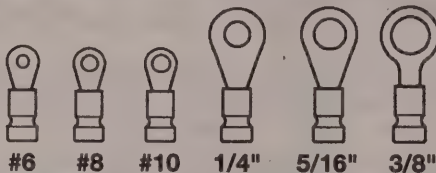
For 14-16 AWG Wire
Vinyl Insulated



STOCK #	STUD SIZE	COST/ 100 Pcs	WT.	COST/ 1000 Pcs	Wt.
4423-TM	#6	\$3.40	0.2	\$31.00	2.0
4424-TM	#8	3.40	0.2	31.00	2.0
4425-TM	#10	3.40	0.2	31.00	2.0
5736-TM	1/4"	4.00	0.3	35.00	3.0
5737-TM	5/16"	4.00	0.4	35.00	4.0
5738-TM	3/8"	7.30	0.4	64.00	4.0

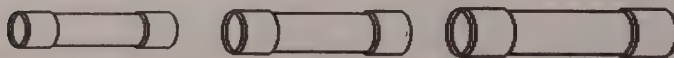
YELLOW RING

For 10-12 AWG Wire
Vinyl Insulated



STOCK #	STUD SIZE	COST/ 100 Pcs	WT.	COST/ 1000 Pcs	Wt.
4426-TM	#6	\$5.40	0.4	\$48.00	4.0
4427-TM	#8	5.40	0.4	48.00	4.0
4428-TM	#10	5.40	0.4	48.00	4.0
5618-TM	1/4"	6.60	0.4	59.00	4.0
5740-TM	5/16"	6.60	0.6	59.00	6.0
5741-TM	3/8"	6.60	0.6	59.00	6.0
5742-TM	1/2"	19.00	0.7	153.00	7.0

VINYL INSULATED BUTT SPLICE



STOCK #	WIRE GAGE	COLOR	COST/ 100 Pcs	WT.	COST/ 1000 Pcs	Wt.
2020-TM	16-22	Red	\$3.20	0.3	\$30.00	3.0
0222-TM	14-16	Blue	3.20	0.3	30.00	3.0
4442-TM	10-12	Yellow	5.40	0.5	49.00	5.0

HEAT SHRINK BUTT SPLICE



When heat is applied After crimping, insulation shrinks to form a firm seal around wires

STOCK #	WIRE GAGE	COLOR	COST/ 10 Pcs	WT.	COST/ 100 Pcs	Wt.
5786-TM	16-22	Red	\$5.00	0.03	\$38.00	.29
5787-TM	14-16	Blue	5.25	0.05	40.00	.51
5788-TM	10-12	Yellow	6.33	0.07	54.00	.70

RED FASTON

For 16-22 AWG Wire
Vinyl Insulated



STOCK #	BLADE SIZE	TYPE	COST/ 100 Pcs	WT.	COST/ 1000 Pcs	Wt.
4440-TM	.250	Male	\$3.20	.2	\$30.00	2.0
4434-TM	.250	Female	3.80	.2	32.00	2.0
5744-TM	.205	Female	5.40	.2	49.00	2.0
5745-TM	.187	Male	5.40	.2	49.00	2.0
5746-TM	.187	Female	5.40	.2	49.00	2.0
5747-TM	.110	Male	5.40	.1	49.00	1.0
2294-TM	.110	Female	5.40	.1	49.00	1.0

BLUE FASTON

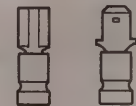
For 14-16 AWG Wire
Vinyl Insulated



STOCK #	BLADE SIZE	TYPE	COST/ 100 Pcs	WT.	COST/ 1000 Pcs	Wt.
4441-TM	.250	Male	\$3.20	0.25	\$30.00	2.5
4435-TM	.250	Female	3.80	0.25	32.00	2.5
5748-TM	.205	Female	5.40	0.25	48.00	2.5
5749-TM	.187	Male	5.40	0.20	48.00	2.0
5750-TM	.187	Female	5.40	0.20	48.00	2.0
5751-TM	.110	Male	5.40	0.10	48.00	1.0
4954-TM	.110	Female	5.40	0.10	48.00	1.0

YELLOW FASTON

For 10-12 AWG Wire
Vinyl Insulated



STOCK #	BLADE SIZE	TYPE	COST/ 100 Pcs	WT.	COST/ 1000 Pcs	Wt.
5752-TM	.250	Female	\$4.70	0.4	\$41.00	4.0
5753-TM	.250	Male	6.90	0.4	60.00	4.0

RED SPADE

For 16-22 AWG Wire
Vinyl Insulated



STOCK #	STUD SIZE	COST/ 100 Pcs	WT.	COST/ 1000 Pcs	Wt.
2134-TM	#6	\$3.20	0.2	\$30.00	2.0
2135-TM	#8	3.20	0.2	30.00	2.0
5754-TM	#10	3.20	0.2	30.00	2.2

BLUE SPADE

For 14-16 AWG Wire
Vinyl Insulated



STOCK #	STUD SIZE	COST/ 100 Pcs	WT.	COST/ 1000 Pcs	Wt.
4429-TM	#6	\$3.40	0.2	\$31.00	2.0
1723-TM	#8	3.40	0.2	31.00	2.0
4430-TM	#10	3.40	0.2	31.00	2.2

YELLOW SPADE

For 10-12 AWG Wire
Vinyl Insulated



STOCK #	STUD SIZE	COST/ 100 Pcs	WT.	COST/ 1000 Pcs	Wt.
4431-TM	#6	\$5.40	0.4	\$48.00	4.0
4432-TM	#8	5.40	0.4	48.00	4.0
4433-TM	#10	5.40	0.4	48.00	4.0
5755-TM	1/4"	12.30	0.6	107.00	5.9

FUSE/CIRCUIT BREAKERS

FUSES



STANDARD

General use electronic fuses

L: 1.25" Dia: .25" WT: .1lb/5

STOCK #	AMPS	DESCRIPTION	PRICE
3159-FU	.25	Std. Blow Fuse	5/\$0.50
3162-FU	.50	Std. Blow Fuse	5/\$0.50
3163-FU	.75	Std. Blow Fuse	5/\$0.50
2400-FU	1	Std. Blow Fuse	5/\$0.50
2406-FU	1.5	Std. Blow Fuse	5/\$0.50
0833-FU	2	Std. Blow Fuse	5/\$0.50
0645-FU	2.5	Std. Blow Fuse	5/\$0.50
1331-FU	3	Std. Blow Fuse	5/\$0.50
2730-FU	4	Std. Blow Fuse	5/\$0.50
8793-FU	5	Std. Blow Fuse	5/\$0.50
2731-FU	6	Std. Blow Fuse	5/\$0.50
8676-FU	7.5	Std. Blow Fuse	5/\$0.50
2401-FU	8	Std. Blow Fuse	5/\$0.50
5769-FU	20	Std. Blow Fuse	5/\$0.50
3252-FU	7	Slow Blow Fuse	5/\$1.50
1850-FU	.375	Pigtail Std. Fuse	5/\$1.00
5368-FU	2	Pigtail Std. Fuse	5/\$1.00



GMA FUSES

.787" X .197" dia. (20mm X 5mm)
Metric fuses for use in equipment designed for world wide use

L: .787" Dia: .197" WT: .05lb/5

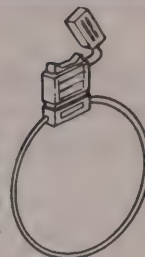
STOCK #	AMPS	DESCRIPTION	PRICE
5586-FU	.5	GMA Fuse	5/\$0.40
5861-FU	1	GMA Fuse	5/\$0.40
5587-FU	1.5	GMA Fuse	5/\$0.40
5588-FU	2	GMA Fuse	5/\$0.40
5589-FU	3	GMA Fuse	5/\$0.40
5590-FU	4	GMA Fuse	5/\$0.40
5591-FU	5	GMA Fuse	5/\$0.40
5592-FU	6	GMA Fuse	5/\$0.40
5593-FU	8	GMA Fuse	5/\$0.40
5594-FU	10	GMA Fuse	5/\$0.40
5595-FU	15	GMA Fuse	5/\$0.40

FUSE HOLDER FOR ATQ/ATC BLADE FUSE

Fiber reinforced nylon in line fuse holder with attached cover to keep out dirt, water resistant but water proof. For full size ATQ type blade fuses. 8" AWG12 wire loop. 30A max. current.

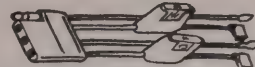
L: 9.5" including leads

WT: .1



STOCK #	DESCRIPTION	PRICE
8878-FH	ATQ Blade Fuse Holder	\$1.65

AUTO FUSE HARNESS



Dual water resistant fuse holder for ATC blade fuses. Molded connector has 3 female & 1 male bullet terminals connected: 1 each to 2 red & 2 black leads. Fuses are in the Red leads. .250" faston connectors on the other end of fused leads. .187" fastons on the black leads. Included are two 25A fuses.

L: 7-1/2"

WT: .1

STOCK #	DESCRIPTION	PRICE
8300-FH	Dual Auto Fuse Harness	\$2.50

SUB MINI PICO FUSE

Fuses the size of a 1/4W resistor

L: 3/8" + leads Dia: 1/8" WT: .06lb/5

STOCK #	AMPS	DESCRIPTION	PRICE
1786-FU	.5	Pico Fuse	5/\$2.00
0225-FU	3	Pico Fuse	5/\$2.00

ATC AUTOMOTIVE

ATC (ATQ) Blade type fuses used in cars
Sold in boxes of 10 of same value.

WT: .05

STOCK #	AMPS	DESCRIPTION	PRICE
4215-FU	3	Automotive Fuse	10/\$1.50
3613-FU	5	Automotive Fuse	10/\$1.50
3614-FU	7.5	Automotive Fuse	10/\$1.50
3615-FU	10	Automotive Fuse	10/\$1.50
3616-FU	15	Automotive Fuse	10/\$1.50
3617-FU	20	Automotive Fuse	10/\$1.50
3618-FU	25	Automotive Fuse	10/\$1.50
3619-FU	30	Automotive Fuse	10/\$1.50

AST MINI AUTOMOTIVE

AST (MIN/ATM) Mini Blade type fuses
Sold in boxes of 5 of same value.

WT: .05

STOCK #	AMPS	DESCRIPTION	PRICE
8585-FU	3	Automotive Fuse	5/\$0.95
8586-FU	5	Automotive Fuse	5/\$0.95
8587-FU	7.5	Automotive Fuse	5/\$0.95
8588-FU	10	Automotive Fuse	5/\$0.95
8589-FU	15	Automotive Fuse	5/\$0.95
8590-FU	20	Automotive Fuse	5/\$0.95
8591-FU	25	Automotive Fuse	5/\$0.95
8592-FU	30	Automotive Fuse	5/\$0.95

FUSEHOLDER FOR GMA FUSES



Panel mount fuseholder for GMA .787" X .197" (20mm X 5mm) type fuses. Rated 10A @ 250VAC. Multi-turn cap, solder terminals
Mounting Hole: 1/2"

WT: .033

STOCK #	DESCRIPTION	PRICE
5585-FH	GMA Fuseholder	\$0.50

GMA PC BOARD FUSEHOLDER



PC board mount fuseholder for GMA .787" X .197" (20mm X 5mm) type fuses. Rated 5A @ 250VAC. ,

WT: .001

STOCK #	DESCRIPTION	PRICE
8768-FH	GMA PC Bd. Fuseholder	\$0.35

CHASSIS FUSEHOLDER FOR STANDARD FUSES



Panel mount fuseholder for standard AGC (1-1/4" X 1/4") type fuses. Rated 15A @ 125 VAC/10A @ 250VAC. Multi-turr cap, solder terminals
Mounting Hole: 9/16"

WT: .033

STOCK #	DESCRIPTION	PRICE
4476-FH	Chassis Fuseholder	\$0.75

IN LINE FUSE HOLDER



Plastic in line fuse holder. Holds a standard AGC (3AG) 1/4" dia fuse. Overall length is 9-1/2". Ideal for automotive uses etc. Max current is 3A continuous, 5A surge.

L: 9.5" including leads

WT: .02

STOCK #	DESCRIPTION	PRICE ea
4477-FH	In Line Fuseholder	\$0.75 1+ \$0.60 5+

CIRCUIT BREAKERS



Single pole breakers rated at 65 volt DC Max and have Quick Connect Terminals. Most have Auxillary Switch Contacts. Snap in panel cutout.

WT: .2

STOCK #	AMP	DELAY	DESCRIPTION	PRICE
4885-CB	2	52F	Breaker/no Sw	\$2.95
4887-CB	9	51F	Breaker/Sw	\$2.95
4888-CB	10	52F	Breaker/Sw	\$2.95
4890-CB	12	52	Breaker/Sw	\$2.95

10A CIRCUIT BREAKERS



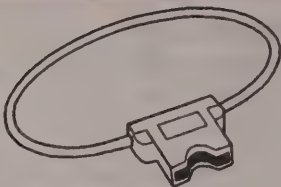
Single pole, magnetic breakers for 110/220V AC, 50/60Hz. Moderate time delay. Have 1/4" quick connect terminals for line/load. 2948-CB also has SPDT 5A aux. contacts. Removed from equipment.

WT: .4

STOCK #	AMP	DESCRIPTION	PRICE
1887-CB	10	Breaker/no Aux Sw.	\$3.50
2948-CB	10	Breaker/ Aux Sw.	\$4.50

CIRCUIT BREAKERS/BATTERY

FUSE HOLDER FOR ATQ BLADE FUSE



Fiber reinforced nylon in line fuse holder for full size ATQ blade fuses. Overall length is 9" (8" AWG12 wire loop). 30A max. current.

L: 9.5" including leads

WT: .1

STOCK #	DESCRIPTION	PRICE
8879-FH	ATQ Blade Fuseholder	\$1.25

8A MINI CIRCUIT BREAKER



ETA 41-06-P10 single pole circuit breaker. Rated: 8A @ 250V AC 50-60Hz or 48V DC. 3/16" round black plastic button actuator, 1/4" quick connect terminals. 1-1/2" X 3/4" X 7/16" behind panel.

Mtg. Hole: 3.8"

WT: .03

STOCK #	DESCRIPTION	PRICE
5764-CB	8A Mini ETA Breaker	\$2.65

NI-CAD's

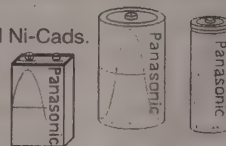
Panasonic commercial Ni-Cads.

"AAA" Rated 250mAH

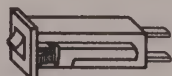
"AA" Rated 650mAH

"D" Rated 1500mAH

"9V" Rated 120mAH



STOCK #	DESCRIPTION	PRICE	
		1ea	Pack.
8626-NI	"AAA" Ni-Cad	\$2.25	8/\$14.40
3086-NI	"AA" Ni-Cad	\$2.00	8/\$14.00
3090-NI	"D" Ni-Cad	\$3.75	4/\$13.00
3093-NI	"9V" Ni-Cad	\$7.50	2/\$13.00



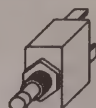
MINI CIRCUIT BREAKER

P & B W28-XQ1A-3 single pole circuit breaker. Rated: 3A @ 250V AC/32V DC. Black actuator can't be used to open the circuit. Mounts in 5/8" hole, 1-7/8" behind panel. .062" max panel thickness. 1/4" quick connect terminals. UL/CSA/VDE

WT: .02

STOCK #	DESCRIPTION	PRICE
6945-CB	3A P & B Mini Breaker	\$1.50

CIRCUIT BREAKER/SWITCH

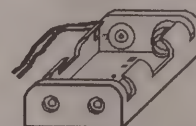


ETA 45-700-P10-DO single pole circuit breaker/switch. Rated: 10A @ 250V AC 50-60Hz or 28V DC. Alternate action (push-on/push-off), 1/4" round black plastic button actuator, 1/4" quick connect terminals. Mounts in 1/2" hole, 2-1/4" X 1-1/8" X 9/16" behind panel.

Mtg. Hole: 1/2"

WT: .07

STOCK #	DESCRIPTION	PRICE
5731-CB	10A ETA Circuit Breaker	\$3.95



DUAL "AA" BATTERY HOLDER

Plastic. Holds 2 "AA" cells side by side, 5" red & black leads.

L: 2-1/4" W: 1-3/16" H: 1/2" WT: .03

STOCK #	DESCRIPTION	PRICE
7664-BH	Dual "AA" Battery Holder	\$0.65



THERMAL CIRCUIT BREAKER

Glass sealed 6A thermal breaker. Internal Bi-metal contacts opens when current exceeds 6A (+/-1A), closes upon cooling. 1" long leads.

L: 1-1/4" Dia: 3/8"

WT: .05

STOCK #	DESCRIPTION	PRICE
8627-CB	6A Thermal Breaker	\$0.75

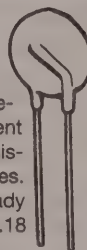
CURRENT LIMITING THERMISTORS

Keystone CL-60 inrush current limiter. Resistance starts out high, as the current through it causes heating and the resistance drops, effectively preventing surges. Resistance @ 25° C = 10ohms, Max steady state current = 5A Resistance @ 1 max = .18 ohm. 1-3/4" leads

Dia: .770"

WT: .008

STOCK #	DESCRIPTION	PRICE
8790-MI	Keystone CL-60	\$0.75



A



B

9V BATTERY CLIPS

Type A: Side exit, vinyl cover, 4" tinned red & black leads.

Type B: End exit, vinyl cover, 6" tinned red & black leads

WT: .004

STOCK #	DESCRIPTION	PRICE
6392-BT	Type A 9V Battery Clip	4/\$1.00
2600-BT	Type B 9V Battery Clip	4/\$1.00



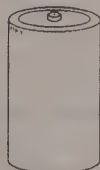
THERMAL FUSE

Stops motors or other equipment from burning up by cutting off power. Permanently opens @ 91° "C" Thermally conductive plastic case with mounting ear. .250" quick connect terminals.

WT: .009

STOCK #	DESCRIPTION	PRICE
5357-TF	91° Thermal Breaker	\$1.00

"D" NI-CAD CELLS



Commercial "D" 1200 mAH Ni-Cads. Full sized with insulating cover

WT: .1ea

STOCK #	DESCRIPTION	PRICE
8636-NI	"D" Ni-Cads	\$3.50 1ea 4pk. \$12.00



CREDIT CARD-COD

ORDERS TAKEN BY PHONE

9:00 AM - 4:30 PM (EASTERN)

MONDAY - FRIDAY
CALL

561-848-8236

ORDERS ONLY

CALL

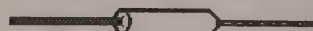
1-800-652-6733

COIN CELL BATTERY HOLDER

P.C. mount, plastic holder for .787" dia. coin cells.

L: 1" W: 7/8" H: 3/8" WT: .004

STOCK #	DESCRIPTION	PRICE
7549-BH	.787" Coin Cell Holder	\$0.89



THERMAL FUSES

Stops toasters, hair dryers, coffee pots from causing fires by cutting off power, permanently open @ rated temp.

L: 1/2" + Leads

Dia: 3/16"

WT: .002

STOCK #	MFG. #	DESCRIPTION	PRICE
4592-TF	4194A	91°C Therm. Fuse	2/\$1.75
0974-TF	4208A	100°C Therm. Fuse	2/\$1.75
0978-TF	4415A	216°C Therm. Fuse	2/\$1.75

3.6V LITHIUM CELL



Tadiran Type TL-5135 cells with Insulated outer jacket. Round type with 3 Pin terminals on bottom (center +)

Dia: 1-1/4"

T: 3/8"

WT: .04

STOCK #	DESCRIPTION	PRICE
7428-BT	3.6V Lithium Cell	\$3.95

ELECTRICIANS REFERENCE BOOK

New revised 1996, 366 pg, soft cover, reference book. Covers: formulas, electronic symbols, plan symbols, conversion factors, raceway & wiring, telephone, fiber optics, single & 3 phase motors, single & 3 phase transformers, lighting, Tools & materials. Includes a 800 phone #s of electrical suppliers. Tremendous value to plant, marine or general electrician.

H: 6" W: 4" T: 3/4" WT: .5

STOCK #	DESCRIPTION	PRICE
8602-BK	Electrical Reference Book	\$14.95

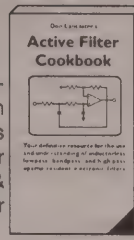


ACTIVE FILTER COOKBOOK

Now in it's 17th. printing Don Lancasters personally autographed 240 page reference on Active Filters. Covers the basics as well as chapters on 1st & 2nd. order networks, Lo, Hi & Band Pass, & Elliptical filters. Covers many other related topics and applications.

H: 8-1/2" W: 5-1/2" T: 5/8" WT: .75

STOCK #	DESCRIPTION	PRICE
7245-BK	Lancasters Filter Book	\$19.95



MEGAREF DISK

New 3.5" disk version of Pocket REF. Contains compressed file of maps, tables, charts, specifications, formulas, constants & conversions. Covers electrical, auto, chemistry, math, physics, wire, tools, water, air, plumbing, surveying, metals, paint, finishes, & solvents, carpentry, hardware, a 800 phone directory for airlines, and lost credit cards. Requires PC/compatible, 3Meg Hard drive space, 640k RAM, 3.5" Drive, DOS 2.25 or higher, VGA recommended. Pocket REF book included



STOCK #	DESCRIPTION	PRICE
8767-BK	MegaRef Disk & Book	\$39.95

PIC MICROCONTROLLER REFERENCE BOOK

Latest version, "Easy PIC'n" from Square -1Elect. 150+ pg, soft cover, beginners guide to using PIC16/17 ucontrollers. Covers: Programming techniques, addressing modes, sequencing, tables, interrupts & much more. Sections on writing source code using a text editor, using an assembler, timing & counting, interfacing, use of programmers. Includes examples & experiments.

H: 11" W: 8-1/2" T: 7/16" WT: 1

STOCK #	DESCRIPTION	PRICE
8601-BK	PIC Reference Book	\$29.95

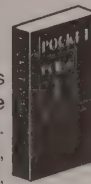


PC POCKET REFERENCE BOOK

Latest Revision, Pocket PC REF, 544 pages of hard to find info. on PC & compatible computers. Contains; DOS command ref. thru 6.22, Windows 3.1 command ref, error codes, I/O pin outs, ASCII codes, Scan codes, Video standards, Printer control codes, Hard & Floppy Drive specifications, Memory Map & Industry phone Book. A tremendous value.

H: 5.4" W: 3.2" T: .4" WT: .21

STOCK #	DESCRIPTION	PRICE
4595-BK	PC Reference Book	\$14.95

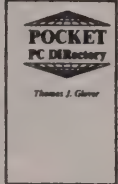


PC INDUSTRY POCKET PHONE REFERENCE

New Pocket PC DiRectory 399 pages of Computer Industry addresses, phone numbers, Web number and more, plus 140 lined pages to add your own. Covers over 2000 manufactures, wholesalers, even corporate offices of many retailers. A tremendous collection of valuable numbers.

H: 5.4" W: 3.2" T: .6" WT: .31

STOCK #	DESCRIPTION	PRICE
8765-BK	PC Phone Book	\$14.95

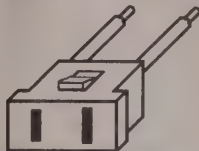


2 WIRE AC OUTLET

Snap-in Black plastic outlet rated 120 VAC, 15A.. Standard two wire, polarized outlet. 7in wires for line & neutral. Fits in a 15/16" X 1/2" cutout. UL/CSA listed

W: 1-1/8" H: 1/2" D: 1" WT: .04

STOCK #	DESCRIPTION	PRICE
7390-PL	2 Wire AC Outlet	\$0.65

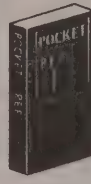


POCKET REFERENCE BOOK

New 2nd edition, 542 page reference book of maps, tables, charts, specifications, formulas, constants & conversions. Covers electrical, auto, chemistry, math, physics, wire, tools, water, air, plumbing, surveying, metals, paint, finishes, & solvents, carpentry, hardware, a 800 phone # directory for airlines, and lost credit cards. A tremendous value.

H: 5.4" W: 3.2" T: .7" WT: .3

STOCK #	DESCRIPTION	PRICE
4596-BK	Pocket Reference Book	\$9.95



PC TECH REFERENCE BOOK

New, over 800 pg, handbook size, soft cover, reference book contains all of the information found in both the Pocket PC REF, the Pocket PC Dir. Plus chapters on Windows 95 keyboard short cuts, and 250 World Wide Web sites.

H: 7.5" W: 5" T: 1" WT: 1

STOCK #	DESCRIPTION	PRICE
8766-BK	Tech Ref Book	\$29.95



3 WIRE AC OUTLET

Black thermoplastic, snap-in, 120 VAC @15A standard three wire outlet. Solderable/IDC terminals for use in buss strips. Fits in a 1" sq hole.

WT: .06

STOCK #	DESCRIPTION	PRICE
7667-PL	3 Wire AC Outlet	\$0.75



A

NUTS



B

A: Chrome plated brass 4-40 Hex nut. .250" wide X .10" thick.

B: 3/8-16 Stainless steel 5/8" Hex nut

STOCK #	DESCRIPTION	PRICE
2114-HD	4-40 Chrome Nut	500/\$7.50
6963-HD	3/8-16 Stainless Nut	100/\$10.00

RIBBON CABLE CLAMP

Self latching Panduit™ cable clamp for flat (ribbon) cable up to 1" wide & stack height up to .170" max. Single screw mounting.

WT: .001

STOCK #	DESCRIPTION	PRICE
3190-HD	Flat Cable Clamp	\$0.20ea \$0.14ea

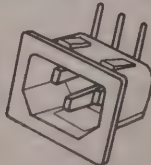


IEC POWER CONNECTOR

PC mount, white thermoplastic, 220 VAC @10A IEC three wire primary power connector. 3 PC solder pins plus 1 ground solder lug for chassis connection. UL/CSA & major world agencies approved.

W: 1-1/4" H: 15/16" D: 1" WT: .023

STOCK #	DESCRIPTION	PRICE
7954-PL	PC Mt. IEC Connector	\$0.50

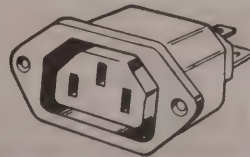


IEC FEMALE POWER CONNECTOR

Chassis mount, female, black thermoplastic, 220 VAC @15A IEC three wire primary power connector. Solderable .187" quick connect terminals. UL/CSA & major world agencies approved.

W: 2" H: 1-1/8" D: 1-3/8" WT: .038

STOCK #	DESCRIPTION	PRICE
8772-PL	Female IEC Connector	\$0.50



CABLE CLAMP

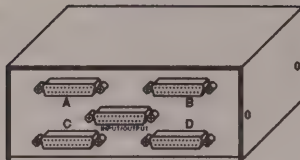
Black plastic cable clamp for coax cable or wire bundles up to 1/4" dia. Attached 3/4" long nail for nailing to wooden trim etc.

WT: .25/100

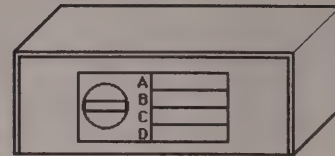
STOCK #	DESCRIPTION	PRICE
5177-HD	Round Cable Clamp	\$5.00/100



COMPUTER ACCESSORIES



DATA SWITCHES



Data switches with gold contact switch, Metal case, and non-slip feet. All lines wired through. Available as listed below in most standard configurations such as High Density & Standard DB-15, Phone jacks, 5 Pin DIN, Mini 8 pin DIN, BNC and Centronics (Printer).

W: 7"

D: 5-1/2"

H: 2-1/4"

WT: 3

STOCK#	CONN. TYPE	COMMON CONNECTOR	I/O CONNECTORS	DESCRIPTION	PRICE
2455-SW	Centronics	Cent. Female	4X Cent Female	4 Way Data Switch With Centronics	\$19.95
4704-SW	DB-9	DB-9 Female	4X DB-9 Females	4 Way Data Switch with DB-9 Connectors	\$18.95
4703-SW	DB15	DB-15	4X DB-15 Females	4 Way Data Switch with Std. DB-15 Connectors	\$21.95
4702-SW	DB15HD	DB-15HD Female	4X DB-15HD Females	4 Way Data Switch with DB-15 Hi Density Conn.	\$24.95
2476-SW	DB-25	DB-25 Female	4X DB-25 Female	4 way Data Switch with DB-25 Connectors	\$19.95
4700-SW	DB9 & 5Pin DIN	DB & DIN Female	4X DB & DIN Females	4 Way Data Switch DB9 & 5 Pin DIN Connectors	\$28.95
4701-SW	DB15HD & 5Pin DIN	DB-HD & Din	4X DBHD & DIN Females	4 Way Data Switch DB9Hi-den. & 5 Pin DIN Conn.	\$34.50
4698-SW	RJ-11/12	RJ-12 Jack	4X RJ-12 Jack	4 Way Data Switch with Phone RJ-12 MOD Jacks	\$17.50
4699-SW	BNC	BNC Female	4X BNC Female	4 Way Data Switch with BNC Connectors	\$20.95
4705-SW	Mini 8 Pin DIN	Mini 8P DIN Female	4X Mini 8 DIN Females	4 Way Data Switch with Mini 8 Pin Din	\$21.95

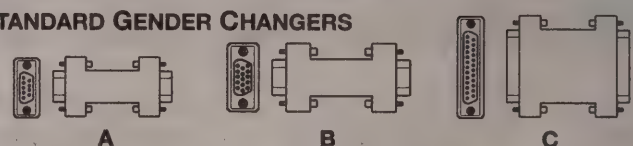
THIN GENDER CHANGERS



Gold plated pins. Description is gender changer configuration WT: .1

STOCK#	FIG.	CONN.	DESCRIPTION	PRICE
7006-PL	A	DB-9	Male to Male Gender Changer	\$1.95
7007-PL	A	DB-9	Female to Female Changer	\$1.95
8036-PL	B	DB15HD	Male to Male Changer	\$3.95
8037-PL	B	DB15HD	Female to Female Changer	\$3.95
7008-PL	C	DB-25	Male to Male Gender Changer	\$1.95
7009-PL	C	DB-25	Female to Female Gender Changer	\$1.95
7015-PL	D	DB-37	Male to Male Changer	\$3.95

STANDARD GENDER CHANGERS



Gold plated pins

WT: .2

STOCK#	FIG.	CONN.	DESCRIPTION	PRICE
4706-PL	A	DB-9	Male to Male Gender Changer	\$2.49
4707-PL	A	DB-9	Female to Female Gender Changer	\$2.49
8038-PL	B	DB15HD	Male to Male Gender Changer	\$2.95
8039-PL	B	DB15HD	Female to Female Gender Changer	\$2.95
2452-PL	B	DB-25	Male to Male Gender Changer	\$3.50
2453-PL	B	DB-25	Female to Female Gender Changer	\$3.50

DB-25 PORT SURGE PROTECTOR



Protects port from spikes. MOV's clamp at 26V. Does not affect normal use. Pins listed are clamped to pin 1 (com), all lines wired through. Systems with long lines or different AC sources need protection on both ends. M/F DB-25's allow insertion in line.

WT: .3

STOCK#	DESCRIPTION	PRICE
2531-HC	Port Protector Lines 2,3,7	\$6.95
8000-HC	Port Protector Lines 2-8,20	\$9.48

SERIAL PORT ADAPTERS



DB-9 to DB-25 serial Port

DB-9 to DB-25	DB-9 to DB-25	DB-9 to DB-25
3	2	2
8	5	6
1	8	4
		20

WT: .1

STOCK#	DESCRIPTION	PRICE
4724-PL	DB9 Male to 25 Female Adpt.	\$1.95
8042-PL	DB9 Female to 25 Male Adpt.	\$1.95

MOUSE ADAPTERS

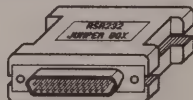


Allows mice with DB-9 connectors to connect to Mini 6 Pin DIN ports and Vice Versa. Choice of Male to Male or Female to Female

WT: .1

STOCK#	DESCRIPTION	PRICE
8043-PL	DB9 F to Mini DIN Female	\$2.95
8044-PL	DB9 M to Mini DIN Male	\$2.95

DB-25 JUMPER BOXES



Customize a RS-232 interface to meet a specific need, all 25 lines connect to solder pads on PC board, inter-connect the pads with wire (supplied) to fit your needs.

WT: .3

STOCK#	DESCRIPTION	PRICE
2527-HC	Jumper Box Male to Male	\$9.95
2975-HC	Jumper Box Male to Female	\$6.95

DELUXE LINE MONITOR

Bi-polar LEDs indicate "Hi, Lo, or Open" status on the 7 main signals in RS-232 link. Monitored lines: pin 2: Xmit data (td); pin 3: Recv. data (RD); pin 4: Req. to send (RTS); pin 5: Clr. to send (CTS); pin 6: Data set ready (DSR); pin 8: carrier detect (DCD); pin 20: data terminal ready (DTR). DB-25M/DB-25F. All 25 lines wired through.

WT: .3

STOCK #	DESCRIPTION	PRICE
2526-HC	Line Monitor	\$9.95

NULL MODEM ADAPTER

Used in local RS-232 data links when modems are not needed.

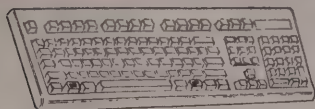
Internal Connections

DB25M to	DB25F	DB25M to	DB25F
pin 1	pin 1	pin 6	pin 20
pin 2	pin 3	pin 7	pin 7
pin 3	pin 2	pin 8	pin 4&5
pin 4&5,	pin 8		

WT: .2

STOCK #	DESCRIPTION	PRICE
2529-HC	Null Modem	\$4.95

COMPUTER ACCESSORIES



WINDOWS-95 COMPUTER KEYBOARD

New DEC, model RT4958TW, 104 key, keyboard. 3 special keys expressly for use with Windows-95. 5ft. cable with PS-2 style mini DIN connector.

Wt. 2.3

STOCK #	DESCRIPTION	PRICE
8310-KB	Windows Keyboard	\$14.95

3 BUTTON COMPUTER MOUSE

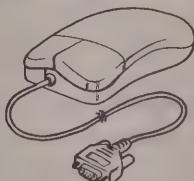


3 button mouse for P.C.s. Fully compatible with Micro Soft. 420-4200DPI resolution encoder. 6ft cable with DB-9 connector. Windows compatible, with 3-1/4" disc with driver software

WT: .5

STOCK #	DESCRIPTION	PRICE
7653-MI	3 Button P.C. Mouse	\$9.95

MICROSOFT V2.0A MOUSE



Microsoft 2 button serial mouse for P.C.s. 6ft cable with DB-9 connector. Windows compatible, with two Microsoft 3-1/4" discs with driver software

WT: .7

STOCK #	DESCRIPTION	PRICE
7985-MI	Microsoft V2 Mouse	\$36.95

REMOTE I/R KEYBOARD FOR PC

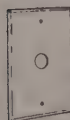


Run or manipulate programs on your PC from across the room (up to 50ft.). Easy to use remote transmitter is similar to TV controller. Receiver connects to serial port. Software drivers included for DOS & Windows (Not 95). 40 button remote provides for function emulation of keyboard. Set includes hand-held Remote, Receiver, Software Disc, 25 Pin to 9 pin adapter cable.

WT: 1.33

STOCK #	DESCRIPTION	PRICE
7540-MI	Remote PC Keyboard	\$24.95

STEEL WALL PLATES



Steel wall plates fit standard duplex electrical box. For use in pre-wired or new installation.

DOES NOT INCLUDE CONNECTOR

WT: .12

STOCK#	DESCRIPTION	PRICE
7994-MI	Single DB-9	\$1.95
7995-MI	Single DB-25	\$1.95
7996-MI	Single BNC	\$1.95
7997-MI	Double BNC	\$1.95
7998-MI	Single Twinax	\$1.95

3.5" FLOPPY DRIVE

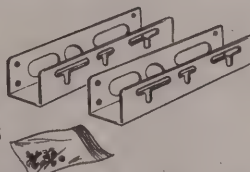


Standard Mitsumi 1.44MB 1/2 height floppy drive. Ideal for system expansion drive or as a replacement. Standard 4 pin power & edge board connectors.

WT: .9

STOCK#	DESCRIPTION	PRICE
7974-MI	3.5" 1.44M floppy Drive	\$34.95
7978 MI	3.5 Floppy Cleaning Kit	\$1.95

3.5" DRIVE MOUNTING KITS

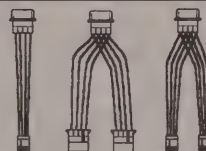


Mounting kits for standard 3.5" 1/2 height floppy and 3.5" hard drives. Ideal for system expansion.

WT: .52

STOCK#	DESCRIPTION	PRICE
7975-MI	3.5" Floppy Mounting Kit	\$3.95
7979 MI	3.5" Hard Drive Mtg. Kit	\$1.59

DISC DRIVE POWER CABLES



Cables to adapt 4 Pin molex floppy drive power connector to 3-1/2" drive or "Y"s for connecting two drives from one connector.

WT: .044

STOCK #	DESCRIPTION	PRICE
7206-CB	5-1/4" to 3-1/2"	\$1.95
7207-CB	5-1/4" to Dual 5-1/4" (Y)	\$1.95
7208-CB	5-1/4" to Dual 3-1/2" (Y)	\$1.95

DRIVE CABLES

Cables to inter-connect floppy or hard drives to your system controllers.

7368-CB for 5-1/2 or 3-1/2 A/B floppys: 34 Pin header to two 34 Pin edge connectors & 34Pin headers.

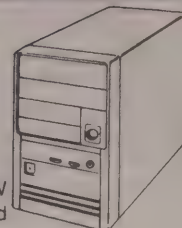
7369 & 7981-CB For IDE drives: 40 Pin Header to one/two 40 Pin Headers

7982 & 7983-CB For SCSI drives: 50Pin headerto one/two 50 Pin headers

WT: .17

STOCK#	DESCRIPTION	PRICE
7368-CB	28" Floppy A/B Cable	\$2.95
7369-CB	IDE 24" Dual Hard Drive	\$2.95
7981-CB	IDE 18" Single Hard Drive	\$1.95
7982-CB	SCSI 18" Single Hard Drive	\$2.95
7983-CB	SCSI 24" Dual Hard Drive	\$2.95

COMPUTER CASE & 230W SUPPLY

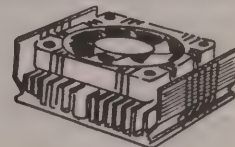


Mini tower case with 230W power supply. 3 bays to hold Floppy, CD, etc, 1 internal bay for hard drive. LEDs for Power, Turbo, & HDD.

WT: 15.5

STOCK #	DESCRIPTION	PRICE
8005-CP	Mini Tower Case/230W PS	\$49.95

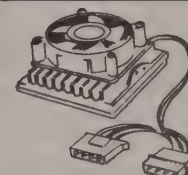
PENTIUM 90/100 COOLER



Designed to "snap-on" ZIF Pin Grid sockets. May requires removing CPU. Anodized Aluminum heatsink. "Pass-Through" power cable adaptor. 12VDC UL/CSA/TUV Fan

L: 2-1/8"	W: 2-1/8"	H: 7/8"	WT: .2
STOCK #	DESCRIPTION	PRICE	
7973-FN	Pentium 90/100 Cooler	\$8.95	

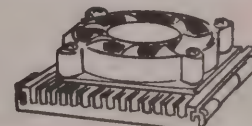
PENTIUM 60/66 COOLER



"Peel-N-stick design. 12VDC .9W, 5.2 CFM air flow, 22.8dBA noise level Anodized Aluminum heatsink. "Pass-Through" power cable adaptor. UL/CSA/TUV Listed fan.

L: 2-1/4"	W: 2"	H: 1"	WT: .2
STOCK #	DESCRIPTION	PRICE	
7972-FN	Pentium 60/66 Cooler	\$9.95	

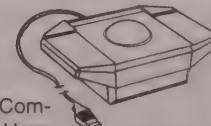
486 COOLING FAN



Designed to "snap-on" ZIF Pin Grid sockets. May require removing CPU. 12VDC .9W, 5.2 CFM air flow, 22.8dBA noise level Anodized Aluminum heatsink. "Pass-Through" power cable adaptor. UL /CSA listed fan.

L: 1-7/8"		W: 1-7/8"		H: 7/8"		WT: .13	
STOCK #		DESCRIPTION				PRICE	
7971-FN		486 CPU Cooler				\$6.95	

ATARI TRACK BALL



Track-Ball for Atari Video Computer system and Atari Home Computer. Black plastic case with 2-1/4" Dia. black ball, and Left & Right corner mounted "Fire" switches. Well made unit that uses steel shafts, ball bearings and opto-interrupters. 4ft. cable with molded DB-9 female connector on end. Rubber feet on bottom.

STOCK #	DESCRIPTION	PRICE
6465-MI	Atari Track Ball	\$1.95

COMPUTER ACCESSORIES

AUTO PRINTER SWITCH



Replaces Parallel Port A/B switch and allows automatic access to printer from two computers. Interface powered with LEDs to indicate active port and active status. Three DB-25 Female connectors. Selectable Auto form feed & 20 or 40 second Auto timeout/End of file port release. Platinum plastic case

L: 3-3/4" W: 3" H: 1" WT: .3

STOCK #	DESCRIPTION	PRICE
7967-MI	Auto Data Switch	\$15.95

QUICK SHOT GAME PAD

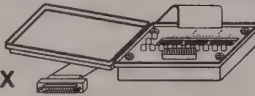


Game controller for P.C. systems. DB-15 connector plugs into computer game port. Provides faster and less fatiguing action than joy stick. 6ft. cable with molded DB-15 male connector on end.

L: 6-1/4" W: 3-1/2" T: 1-1/4" WT: 4

STOCK #	DESCRIPTION	PRICE
8295-MI	P C Game Pad	\$6.95

RS232 BREAK-OUT BOX

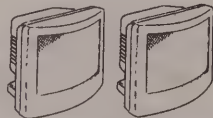


Used to test & rewire RS232 interfaces. Unit gives you control of interface. 10 Bi-Polar LEDs monitor all std signals + 2 spare LEDs for your use. Switches & jumper positions allow reconfiguration of the 24 active lines. 8" flat ribbon cable to DB-25 Male connector, panel mounted DB-25 Female connector. 20 jumper wires included.

L: 3-1/2" W: 3-1/4" H: 1" WT: .3

STOCK #	DESCRIPTION	PRICE
7865-MI	Break-out Box	\$19.95

MINI COMPUTER SPEAKERS



Non-amplified enclosed, mag. shielded speakers for use with computer sound cards, CD drives etc.

Impedance: 8 ohms

Power: 2 X 2 Watts

3ft. cord with 3.5mm stereo plug

W: 4" H: 3-3/4" D: 3" WT: 1

STOCK #	DESCRIPTION	PRICE
7976-SP	3" Mini Speakers	\$7.95

AMPLIFIED COMPUTER SPEAKERS

Pair of Amplified, enclosed speakers. Use with sound cards, CD Rom drives etc.

Input Impedance: 2K ohms,

Frequency Range: 20-20KHz

Audio Power: 2 X 7W

Power Switch & LED, Volume control & Headphone jack. Power: 9VDC-300mA adaptor (supplied). 3ft. cord with 3.5mm stereo plug

W: 3" H: 7-1/4" D: 4-3/4" WT: 3.1

STOCK #	DESCRIPTION	PRICE
7977-SP	Amplified Mini Speakers	\$19.95

PORTABLE POWER INVERTER

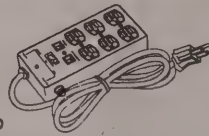


PC Accessories #P10300 50W inverter. Plugs into cigarette lighter & provides 50W of continuous 115VAC 60Hz power. Operates Laptop computer while charging the batteries. For camcorders, cell phones, monitors & other rechargeable, portable equipment. Compact unit fits in briefcase or tote bags. LED power light, 3 Wire outlet & 3ft cord with cigarette plug

L: 3-5/8" W: 2-1/2" T: 1-3/8" WT: .6

STOCK #	DESCRIPTION	PRICE
8561-CP	Portable Power Inverter	\$29.95

POWER STRIP & FAX PROTECTOR

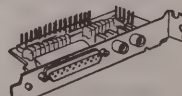


Surge protected plug strip with modem/FAX surge protector. Plug strip has EMI/RFI noise filter, 6 120VAC, 15A, 3 wire grounded outlets, "on/off" lighted power switch, & circuit breaker, 6' heavy duty cord. 2 "Mod" phone jacks for fax/modem protection. Metal case. U/L listed.

WT: 1.2

STOCK #	DESCRIPTION	PRICE
4374-MI	FAX & Power Protector	\$19.95

SCSI ADAPTOR BRACKET

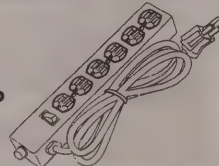


PC Adaptor bracket originally for Media Vision MV4000 Multimedia card & Reno CD Player but other uses abound. Designed to interconnect an internal sound card & an SCSI card to external Multimedia CD ROM. Contains a db-25F connector that connects to an internal SCSI 50pin header & terminators also 2 RCA audio jacks connecting to header pins for CD audio.

W: 1-3/4" H: 4-3/4" T: 3/4" WT: .13

STOCK #	DESCRIPTION	PRICE
8052-CP	SCSI Adapt. Bracket	\$5.95

POWER PLUG STRIP

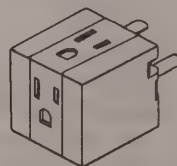


Surge protected plug strip with 6 120VAC, 15A, 3 wire grounded outlets, "on/off" lighted power switch, resettable circuit breaker, 6' heavy duty cord. Metal case. U/L listed

WT: 1

STOCK #	DESCRIPTION	PRICE
4372-MI	Power Strip	\$9.95

3 WAY SURGE PROTECTOR

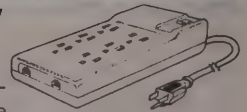


Plug-in surge protector with 3 outlets. Used to protect electronic equipment from electrical spikes. U/L listed.

WT: .3

STOCK #	DESCRIPTION	PRICE
4366-MI	3 Way Surge Protector	\$5.95

POWER & PHONE/ FAX PROTECTOR



Woods, 6 outlet surge protector with EMI/RFI noise filter. Protects modems etc. from power & phone line surges. Lighted power switch, circuit breaker, 4' heavy duty cord, 120VAC, 15A, 3 wire grounded outlets, & RJ-12 jacks for phone line protection. Rated: AC line Clamp 330V (L-N, L-G, & N-G). 430 joules. Phone line: Clamp 200V, 70Joules. U/L 1449/497A listed.

WT: 1.5

STOCK #	DESCRIPTION	PRICE
7948-MI	Computer Power Protector	\$19.95

POWER CENTER

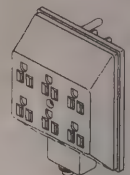


Desk top 5 outlet surge protector with EMI/RFI noise filter. Protects equipment from power surges. Lighted power switch for each outlet plus master, 15A circuit breaker, 6' heavy duty cord, 120VAC, 15A, 3 wire grounded outlets. Rated: AC line Clamp 55V above Line. 25 joules repeated 80 1 time. 5-37db rejection 150KHz-30MHz. U/L 1449 listed.

WT: 4.7

STOCK #	DESCRIPTION	PRICE
7993-MI	Computer Power Protector	\$16.95

6 WAY SURGE PROTECTOR

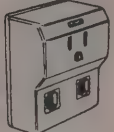


Wall mount surge protector. Protect electronic equipment from electrical spikes. Built in resettable circuit breaker & status indicator light. U/L listed.

WT: .7

STOCK #	DESCRIPTION	PRICE
4370-MI	6 Way Surge Protector	\$9.95

POWER & PHONE/FAX PROTECTOR

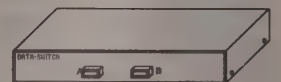


Woods PT-07M, single outlet surge protector with EMI/RFI noise filter. Protects FAX machines etc. from power & phone line surges. Single 120VAC, 15A, 3 wire grounded outlet, & RJ-12 jacks for phone line protection. Rated: AC line Clamp volts 400V (L-N, L-G, & N-G), 105 joules. Phone line: Clamp 200V, 70Joules. U/L 1449/497A listed.

WT: .33

STOCK #	DESCRIPTION	PRICE
7945-MI	FAX & Power Protector	\$9.95

TRI-AX DATA SWITCH



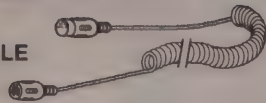
Push button A/B switch for use with Tri-Axal systems. Three female Tri-ax connectors on back. Metal case, non-slip feet.

W: 9" D: 6-1/2" H: 1-3/8" WT: 1

STOCK #	DESCRIPTION	PRICE
5168-SW	Triax Data Switch	\$8.95

COMPUTER ACCESSORIES/CABLE/CORDS

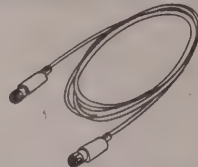
AT/XT STYLE KEYBOARD CABLE



Extension cable with standard 5 pin DIN connectors. All lines wired through.

STOCK#	DESCRIPTION	WT	PRICE
8020-CB	6' Straight Male-Male	.2	\$2.49
8021-CB	6' Straight Male-Female	.2	\$2.49
8022-CB	10' Straight Male-Male	.3	\$2.95
8023-CB	10' Straight Male-Female	.3	\$2.95
8024-CB	6' Coiled Male-Female	.2	\$2.95
8025-CB	10' Coiled Male-Female	.3	\$3.49

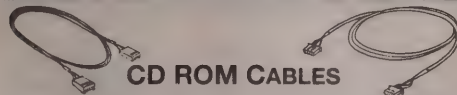
PS-2 STYLE KEYBOARD CABLE



Extension cable with 6 pin mini DIN connectors. All lines wired through.

WT: .3

STOCK #	DESCRIPTION	WT	PRICE
8026-CB	6' PS2 Male-Female	.17	\$2.95
8027-CB	6' PS2 Male-Male	.18	\$2.95
8028-CB	10' PS2 Male-Female	.2	\$3.49



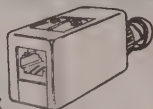
CD ROM CABLES

Cables to inter-connect CD Rom drives to your system sound card. CD connector on one end Mini connector on other

WT: .02

STOCK#	DESCRIPTION	PRICE
7987-CB	Panasonic to Sound Blaster	\$1.95
7988-CB	NEC to Sound Blaster	\$1.95
7989-CB	NEC to Pro Audio Spect.	\$1.95
7990-CB	IDE Quad to Sound Blaster	\$2.49
7991-CB	Sony to Pro Audio Spect.	\$1.95

NETWORK BALUN ADAPTORS



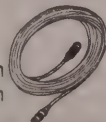
Balun adaptor with BNC or Twinax connectors. All have screw terminals for twisted pair in addition to stated jack.

WT: .2

STOCK#	DESCRIPTION	PRICE
8030-CB	BNC-M to RJ-11/12	\$3.95
8031-CB	BNC-M to RJ-45	\$4.95
8032-CB	BNC-F to RJ-45	\$6.95
8033-CB	Twinax-M to RJ-11/12	\$6.95
8034-CB	Twinax-M to RJ-45	\$7.95

NETWORK CABLES

Cable with BNC Male connectors on both ends. Black with molded strain relief.



STOCK#	DESCRIPTION	WT	PRICE
8011-CB	10ft RG-58	1	\$3.95
8012-CB	25ft RG-58	1	\$4.95
8013-CB	50ft RG-58	1.5	\$7.95
8014-CB	100ft RG-58	5	\$15.95
8015-CB	10ft RG-62	1	\$4.95
8016-CB	25ft RG-62	1.5	\$6.95
8017-CB	50ft RG-62	3	\$8.95

MINI PIN CONNECTORS

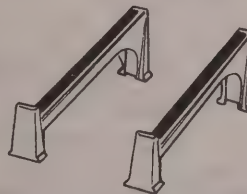


Mating pairs of micro connectors. Mail header is PC mount while the Female has 4" wire leads. 2mm pin spacing. This type are used on sound cards, LCD displays, etc. Sold as mating pairs only.

WT: .001

STOCK #	DESCRIPTION	PRICE ea	1+	100+
7315-PL	2 Pin Micro Conn.	\$0.50	\$0.40	
7316-PL	4 Pin Micro Conn.	\$0.65	\$0.50	

PRINTER STAND



2 piece plastic stand designed to support your printer Providing a forward tilt for easier access to controls.

L: 12-1/2" H: 3-1/4" front 5" rear WT: .7

STOCK #	DESCRIPTION	PRICE
8004-MI	Printer Stand	\$4.95

PARALLEL PRINTER CABLES FOR PC

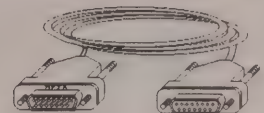


For PC/XT/AT, shielded, DB-25 male to 36 pin Centronic male, gold plated contacts. All lines NOT wired thru.

2885-CB 6ft Wt. 3
2886-CB 12ft Wt. 5

STOCK#	DESCRIPTION	PRICE
2885-CB	6ft. Printer Cable	\$6.50
2886-CB	12ft. Printer Cable	\$13.50

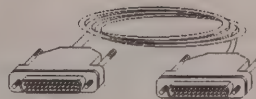
VGA EXTENSION CABLE



VGA extension cable with a hi density DB-15 connectors.

STOCK #	DESCRIPTION	WT	PRICE
8646-CB	6ft M/M VGA Cable	.35	\$3.95
8647-CB	6ft M/F VGA Cable	.35	\$3.95
8648-CB	10ft M/M VGA Cable	.5	\$4.95
8649-CB	10ft M/F VGA Cable	.5	\$4.95

DB-25 DATA CABLES



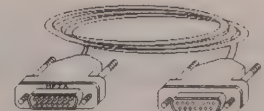
Gold Plated Contacts
All Lines Wired Through

L: 6ft

WT: 2

STOCK#	DESCRIPTION	PRICE
7716-CB	DB-25 Male/Female Cable	\$9.50
2887-CB	DB-25 Male/Male Cable	\$9.50

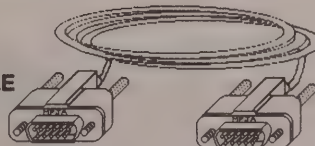
PC MONITOR CABLE



Monitor extension cables with a DB-9 connectors.

STOCK #	DESCRIPTION	WT	PRICE
8641-CB	6ft M/M Monitor Cable	.22	\$2.95
8642-CB	6ft M/F Monitor Cable	.22	\$2.95
8643-CB	10ft M/M Monitor Cable	.38	\$3.25
8644-CB	10ft M/F Monitor Cable	.38	\$3.25

DB-9 DATA CABLE



GC electronics 45-311, 10ft, shielded computer cable with DB-9 male connectors on both ends & platinum jacket. All lines wired through.

L: 10ft.

WT: .5

STOCK #	DESCRIPTION	PRICE
3906-CB	DB-9 Data Cable	\$6.95

VGA EXTENSION CABLE



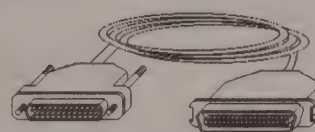
6ft., shielded, VGA extension cable with a hi density DB-15 male on one end and a hi-density DB-15 female on the other. Pins 1-3, 5-8, 10, 11, 13, 14 wired through. Black jacket.

L: 6"

WT: .5

STOCK #	DESCRIPTION	PRICE
3907-CB	VGA Extension Cable	\$9.95

SHIELDED PRINTER CABLE



For IBM® & compatibles, 4ft parallel printer cable, DB-25 male to Centronics male, both ends have ferrite chokes around cable to stop EMI, shells of both connectors are connected together, gold pins. L: 4ft.

WT: .8

STOCK #	DESCRIPTION	PRICE
3439-CB	Shielded Printer Cable	\$8.50

DATA CABLE



Shielded I/O cable with DB-25 Female on one end and DB-25 Male on the other. Molded strain relief. This cable can be used as a "null" modem cable??

Connects to:
DB-25-Female pin : 2 3 7 20

DB-25-Male pin : 3 2 7 5&6

L: 8ft

WT: 1

STOCK #	DESCRIPTION	PRICE
0874-CB	Data Cable	\$1.00

SERIAL PORT ADAPTER

Pins 4&5 connected together & 6,8&20 connected together on each connector but not wired through to other connector

Internal Connections

DB25M to	DB25F	DB25M to	DB25F
pin 1	pin 1	pin 6,8,20	NC
pin 2	pin 3	pin 7	pin 7
pin 3	pin 2	NC	pin 4&5
pin 4&5	NC	NC	pin 6,8,20

WT: .2

STOCK #	DESCRIPTION	PRICE
8359-HC	Serial Port Adapter	\$4.95

RS-232 "Y" CABLE

These split one RS-232 port into two. Male DB-25 connected to dual DB-25 females by 7" of cable. Pins wired through as follows: 1,2,3,5,6,7,8,12,13,14,16,19,20. Easily changed to match your needs. L: 7"

WT: 1

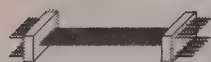
STOCK #	DESCRIPTION	PRICE
1997-CB	RS232 "Y" Cable	\$9.00

3FT. / 14-3 POWER CORD

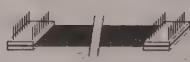
3ft, 14-3 AWG, Type SPT-3, appliance power cord. Flat cable with standard 3 prong male right angle molded plug on one end, stripped back 1-1/2" on other. Platinum color jacket. Rated: 15A/125VAC. UL listed L: 3ft.

WT: .35

STOCK #	DESCRIPTION	PRICE
8323-WI	3ft. Appliance Cord	\$2.95



TYPE A



TYPE B

RIBBON IC JUMPER CABLES

Ribbon cable jumpers with DIP IC headers on both ends as follows: WT: .15

STOCK#	PINS	LGH.	DESCRIPTION	PRICE
7453-CB	14	2	Type A Jumper	\$0.65
7458-CB	16	2	Type B Jumper	\$0.75
3341-CB	16	28"	Type A Jumper	\$1.50

INSTRUMENT CABLE

Tektronix #174-1453-00, 20" shielded data cable. DB-9 male on one end DB-25 female on other, wired as follows:

DB-9-1 to DB-25-1	DB-9-5 -N/C
DB-9-2 to DB-25-3	DB-9-6 to DB-25-6
DB-9-3 to DB-25-2	DB-9-7 to DB-25-4
DB-9-4 to DB-25-20	DB-9-8 to DB-25-5
	DB-9-9 to DB-25-22

WT: .23

STOCK #	DESCRIPTION	PRICE
3947-CB	"Tektronix Cable	\$3.95

SERIAL CABLE

10ft. cable with DB-25 Female on one end & DB-25 Male on the other. Molded strain relief. Cable is used to connect a serial printer to an IBM compatible serial port.

DB-25-Female pin:	1	2	3	5&6	7	20
Connects to:						
DB-25-Male pin:	1	3	2	20	7	5&6

L: 10ft

WT: .53

STOCK #	DESCRIPTION	PRICE
8802-CB	Serial Printer Cable	\$5.95

PIGGYBACK CORD

6ft. 16-3 SJT cord with three wire piggyback plug on one end and dressed back 4in. on other. Unusual cord set for unusual applications. UL/CSA listed. L: 6ft.

WT: .6

STOCK #	DESCRIPTION	PRICE
8298-WI	Piggyback Cord	\$2.95

PIGGYBACK IEC CORD

6ft. 18-3 SJT cord with three wire piggyback plug on one end and 3 blade molded IEC female on the other. 120VAC 10A rated. Ideal cord set for computer systems or test equipment. UL/CSA listed. L: 6ft.

WT: .6

STOCK #	DESCRIPTION	PRICE
8363-CB	Piggyback IEC Cord	\$2.95

HOSPITAL POWER CORD

Hospital grade, 10ft, 16-3 AWG, gray SJT jacket, power cords. Standard 3 prong male clear molded plug on one end, & 3 blade right angle IEC female on the other. 120VAC 13A rated. UL/CSA listed. L: 10ft.

WT: 1

STOCK #	DESCRIPTION	PRICE
8327-WI	Hospital IEC Cord	\$8.95

HEATSHRINK ASSORTMENT

Plastic bag containing a variety of shrink tubing. Sizes vary from 1/16" dia to 5/16" dia. and from 1/4" to over 1" long. While you may not find all of the over 500 pieces useful; we know you will be more than happy with what you get.

WT: .1

STOCK #	DESCRIPTION	PRICE
8296-HS	Heatshrink Assortment	\$3.95

9FT. 12-3 EXTENSION CORD

9ft, 12-3 AWG, Type SPT-3, heavy duty extension cord. Suitable for use with shop equipment, window air conditioners etc. Flat cable with polarized 3 prong male right angle molded plug on one end, matching female on other. Gray color jacket. Rated: 20A/125VAC. UL listed L: 9ft.

WT: 1.6

STOCK #	DESCRIPTION	PRICE
8324-WI	9ft. Appliance Cord	\$5.95

RCA EXTENSION CABLE

6ft. Single cable with RCA male on one end and a RCA female on the other. For audio or video equipment patching. Gray cable with molded connectors. L: 6ft.

WT: .12

STOCK #	DESCRIPTION	PRICE
8376-CB	6ft RCA Extension Cable	\$1.25

RIBBON CABLE

100ft rolls of multiconductor flat ribbon cable. .050" conductor spacing to match up to IDC connectors. Stranded, 28 awg, 105deg "C" 300 volt insulation. Gray PVC insulation with tracer on one edge. For SCSI, disc drive and other cables. L: 100ft.

STOCK#	DESCRIPTION	WT.	PRICE
8566-WI	9 Conductor Flat	1.5	\$16.00
8567-WI	10 Conductor Flat	1.6	\$18.00
8568-WI	20 Conductor Flat	2.7	\$23.00
8569-WI	25 Conductor Flat	3.4	\$25.00
8570-WI	34 Conductor Flat	5	\$36.00
8571-WI	40 Conductor Flat	6	\$45.00
8572-WI	50 Conductor Flat	7	\$54.00

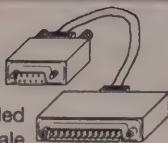
SERIAL PORT ADAPTER

4in long ivory cable with molded connectors adapts DB-9 Female connector to 25 pin Male connector. Only lines shown are wired all others are not connected. Ivory DB9F to DB25M, DB9F to DB25M, DB9F to DB25M

2	3	3	2	4	20
5	7	7	4		

L: 4" WT: .17

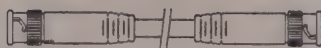
STOCK #	DESCRIPTION	PRICE
7419-CB	Port Adaptor	\$1.95



RG-58 CABLE WITH BNC CONN.

RG-58 50 ohm cable with a BNC male connector on both ends. Connectors are strain relieved. Ideal for studio or lab use.

STOCK#	DESCRIPTION	WT.	PRICE
4591-CB	10ft RG-58 with BNC	.3	\$4.95
3922-CB	25ft RG-58 with BNC	.6	\$6.95

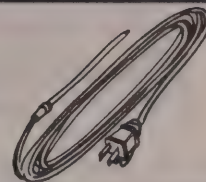


30FT. 18-2 AWG POWER CORD

30ft, 18-2 AWG power cord used on vacuum cleaners. Standard 2 prong molded non-polarized plug on one end. Molded strain relief 27" from other end. Rated 120VAC 10A.

L: 32ft. WT: 1.2

STOCK #	DESCRIPTION	PRICE
7946-WI	30ft. Vacuum Cord	\$4.95

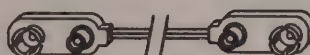


CASSETTE CABLE

TI PHA-2622, 24in long cassette recorder data cable with molded DB-9 connector on one end. Other end has two 1/8" (3.5mm) phone plugs (1 each for mike & earphone) and a 3/32" (2.5mm) phone plug (motor control). Cut it up to make custom computer or audio cables.

L: 24" WT: .4

STOCK #	DESCRIPTION	PRICE
2254-CB	TI Cassette Cable	\$0.50



10FT BATTERY CABLE

10ft. mini ZIP cord with a 9V battery snap on each end. Originally for connecting power to sprinkler control valves. Cut up to make 9V battery cables.

L: 10ft. WT: .1

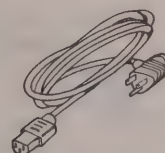
STOCK #	DESCRIPTION	PRICE
6530-WI	10ft Battery Cable	\$0.75

PIGGYBACK IEC CORD

6ft. 18-3 SJT cord with three wire piggyback plug on one end and a 3 blade molded IEC female on the other. 120VAC 10A rated. Ideal cord set for computer systems or test equipment. UL/CSA listed.

L: 6ft. WT: .6

STOCK #	DESCRIPTION	PRICE
8363-CB	Piggyback IEC Cord	\$2.95



MAG STRIPE READER

American Magnetics 40-21RA1 Mag. stripe reader. NO ELECTRONICS. Contains SPDT micro switch to sense card, Two track Mag head, & a red LED. Reads tracks 1 & 2 on cards. Head, LED & Switch connected through 4ft. cable to 2X6 .100" header socket conn. Black Hammertone Metal case.

L: 7-3/4" W: 1-5/8" H: 1-3/8" WT: .2

STOCK #	DESCRIPTION	PRICE
5025-MI	Mag. Stripe Reader	\$14.95



50 CONDUCTOR RIBBON CABLE

10ft. length of 50 conductor 28AWG. Multi-colored, stranded, flat cable, 80 deg. "C", 300V insulation, UL listed.

L: 10ft. WT: .6

STOCK #	DESCRIPTION	PRICE
1675-WI	10ft Ribbon Cable	\$15.00



GROUNDING BRAID

Flexible, tinned copper, flat woven braid used for grounding, buss jumpers etc.

Sold by the foot.

W: 3/8" nominal WT: .025/ft

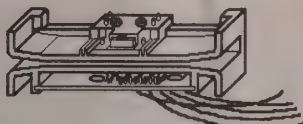
STOCK #	DESCRIPTION	PRICE
8880-WI	Grounding Braid	\$0.60/ft

MAGNETIC STRIPE READER

Used SRD Co. # MCR 175-1R-0106 Mag. stripe reader mounted in a removable plastic guide. Reads bottom track on credit cards. TTL output. 5VDC power. 8" leads to .100" header socket conn. Sorry no Data at this time.

L: 4" W: 1" H: 1-1/8" WT: .2

STOCK #	DESCRIPTION	PRICE
5459-MI	Used Mag. Stripe Reader	\$3.95



PLANAR CABLE

14 conductor, Flat ribbon cable with .050" conductor spacing to match up to IDC connectors. Stranded, 28 awg, 105deg "C" 300 volt insulation. UL listed.

L: 100ft. WT: 3

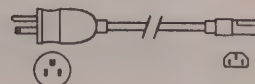
STOCK #	DESCRIPTION	PRICE
6339-WI	100ft. Planar Cable	\$10.00

IEC POWER CORD

Used, Hospital grade, 7ft, 18-3 AWG, gray SJT jacket, power cords. Standard 3 prong male molded plug on one end, & 3 blade molded IEC female on the other. Both ends molded of clear plastic. 120VAC 10A rated.

L: 7ft. WT: .7

STOCK #	DESCRIPTION	PRICE
6920-WI	Hospital IEC Cord	\$3.50



MAGNETIC STRIPE READER

Magtek 210-450-02 Mag. stripe reader. Reads track 2 on credit cards. Complies with Spec.: ANSI/ISO 7810, 7811-1/5, 7812, & 7813. TTL output. 5VDC power. 5" leads to .100" header socket conn. DATA

L: 3-1/2" W: 7/8" T: 1" WT: .1

STOCK #	DESCRIPTION	PRICE
7897-MI	Mag. Stripe Reader	\$6.95



EXPERIMENTERS FIBER-OPTIC LINK

Honeywell fiber-optic experimenters link. Designed to familiarize students & designers with fiber links. Contains a 1/R Fiber-optic transmitter & a receiver along with 10ft. of DuPont OE1040 Fiber with molded connector latches. Features single 5 VDC supply, TTL/CMOS compatible receiver and a 880nm I/R transmitter LED.

L: 10ft. WT: .22

STOCK #	DESCRIPTION	PRICE
8301-OP	Fiber Optic Link	\$9.95

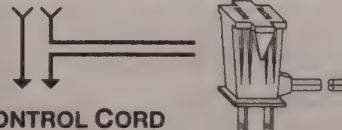


CONTROL CORD

Cord for control applications. Polarized plug & socket molded together. Neutrals are connected together while the hot lead from both are connected to the 6 ft., 18-2 AWG, black "Zip" cord. By connecting the two conductors together power is fed to the female.

L: 6ft. WT: .2

STOCK #	DESCRIPTION	PRICE
5066-WI	Control Cord	\$1.50



WIRE/CABLE/CORDS

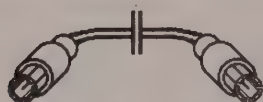


AUDIO JUMPER CABLE

Shielded, 10ft, audio cable with male RCA plugs on both ends. Gray jacket with Black strain reliefs.

L: 10ft. WT: .13

STOCK #	DESCRIPTION	PRICE
5161-CB	10ft Audio Cable	\$1.25



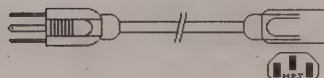
VCR CABLE

3ft, 75 ohm, jumper cable with type "F" push-on connectors on both ends. White plastic jacket, molded strain reliefs

L: 3ft. WT: .15

STOCK #	DESCRIPTION	PRICE
5307-TV	VCR Cable	\$0.99

POWER CORD



Belden 6ft, 18-3 AWG, black SVT jacket, power cords. Standard 3 prong male molded plug on one end, & 3 blade molded IEC female on the other. 120VAC 10A rated. CSA listed

L: 6ft WT: .5

STOCK #	DESCRIPTION	PRICE
7308-WI	Belden Cord Set	\$2.95

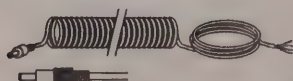


HEAVY DUTY COIL CORD

18AWG, 3 conductor, heavy duty cord with blue neoprene jacket, one conductor is shielded, other two are not, 22" retracted, 56" extended. For mikes, speakers, or patch cords.

L: 56" WT: .3

STOCK #	DESCRIPTION	PRICE
1840-WI	Heavy Duty Coil Cord	\$1.75

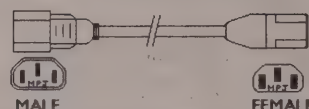


TRANSCEIVER COIL CORD

Coil cord used to connect power source to radio. Cable has a 9" retracted coil section, a 4-1/2" straight section terminated in spade lugs. Other end has 5mm OD coaxial power plug,

WT: .3

STOCK #	DESCRIPTION	PRICE
2920-CB	Transceiver Coil Cord	\$2.75

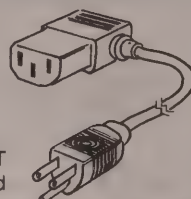


EQUIPMENT EXTENSION CABLE

Extension power cord with IEC Male on one end & IEC female on other. Use to extend monitors, computers Etc.

STOCK#	DESCRIPTION	WT.	PRICE
5881-CB	3ft. Extension Cable	.3	\$2.25
5075-CB	6ft. Extension Cable	.35	\$2.25

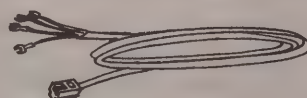
IEC POWER CORD



6ft, 18-3 AWG, black SVT jacket, power cords. Standard 3 prong male molded plug on one end, & 3 blade molded right angle IEC female on the other. 120VAC 10A rated. CSA listed

L: 6ft WT: .5

STOCK #	DESCRIPTION	PRICE
8291-WI	CSA Cord Set	\$3.95



MOD PHONE CORD WITH LUGS

6 ft. 4 wire cord with "Mod" Plug on one end & spade lugs on other. Satin silver jacket.

L: 6' WT: .07

STOCK #	DESCRIPTION	PRICE
7956-TT	6ft Phone Cord/ Spades	\$0.50

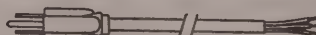


RG-11-U 75 OHM CABLE

100ft of RG-11U, 75 ohm cable. AWG #14 Solid copper center conductor, solid PE insulator. Available with foil or double braided copper shield with PVC separator, Black PVC outer jacket.

Single Foil Shield L: 100ft WT: 6.1
Double Shield L: 100ft WT: 14

STOCK#	DESCRIPTION	PRICE
5574-WI	Double Shield RG-11U	\$10.00
8085-WI	Foil Shield RG-11U	\$10.00



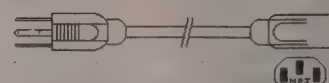
8FT. / 14-3 POWER CORD

8ft, 14-3 AWG, Type SJTW-A, power cord. Standard 3 prong male molded plug on one end, stripped back 3" on other. Black jacket. Rated 120VAC 15A

L: 8ft. WT: .8

STOCK #	DESCRIPTION	PRICE
7513-WI	8ft. Power Cord	\$4.50

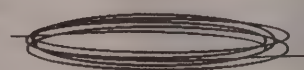
POWER CORD SPECIAL



6ft, 18-3 AWG, black PVC jacketed power cords. Standard 3 prong male molded plug on one end, & 3 blade molded IEC female on the other. 120VAC 10A rated.

L: 6ft WT: .5

STOCK #	DESCRIPTION	PRICE ea
7378-WI	Power Cord Special	\$1.89 \$1.75

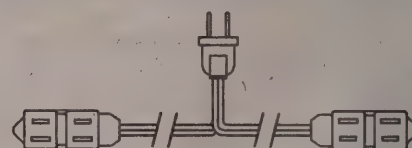


THERMOCOUPLE WIRE

10 ft. length of uninsulated, Hoskins Chromel-A thermocouple wire. Size 15 (.057") .199+ohms/ft. Wire used with Alumel to make up thermocouples. Sorry no Alumel at this time. Use to make up resistors, shunts etc.

L: 10ft WT: .1

STOCK #	DESCRIPTION	PRICE
5871-WI	10ft Thermocouple Wire	\$6.00

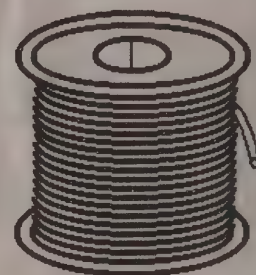


BI-DIRECTIONAL EXTENSION CORD

Dual 6ft. white 16 Awg "Zip" Cord polarized extension cords with a common plug. Now you can run a cord in two directions at the same time. UL Listed.

L: 2X 6ft. WT: .6

STOCK #	DESCRIPTION	PRICE
7013-WI	Bi-Directional Cord	\$2.50



MAGNET WIRE

1/2 lb. Spools of quality Magnet wire. Designed for coils and other uses requiring ease in soldering. No scraping needed, just touch with tinned iron. Length shown is approximate and may vary slightly

WT: .7

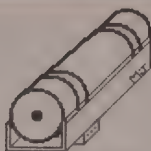
STOCK#	AWG	LGH.	DESCRIPTION	PRICE
7251-WI	28	1000	#28 Mag. Wire	\$7.95
7252-WI	26	600	#26 Mag. Wire	\$7.95
7253-WI	24	400	#24 Mag. Wire	\$6.95
7254-WI	22	250	#22 Mag. Wire	\$6.95
7255-WI	20	150	#20 Mag. Wire	\$6.95
7256-WI	18	100	#18 Mag. Wire	\$4.95
7257-WI	16	60	#16 Mag. Wire	\$4.95
7258-WI	14	40	#14 Mag. Wire	\$4.95

HI-POWER HE-NE LASER HEAD

Hi-Power class III-b, He-Ne laser head for the experienced user. For serious lab, industrial use. Rated: 10-15mW., 2.9-3.4KV @ 7mA run, <= 12kV trigger; sealed in aluminum case, with metal support bracket.

Dia: 3" L: 21-3/4" WT: 12

STOCK #	DESCRIPTION	PRICE
2617-LZ	Hi-Power He-Ne Laser	\$199.95

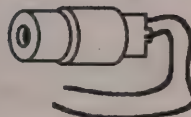


HEALTH & SAFETY NOTICE!!

USE EXTREME CAUTION
LASER Power Supplies and Tubes use High Voltages. These Voltages can cause Injury or Death

LASER Tubes and Diodes Emit Visible or Infrared Radiation that can Cause Eye Damage or Blindness
NEVER Look Directly or Indirectly at the LASER Light!!

3MW VISIBLE DIODE LASER



Mini LASER diode Head contains visible red laser diode, lens & driver electronics in a brass case. 3mW output power, 660nm wave-length, **3.0V DC (MAX)** @ <60mA. Coated collimator lens. Adjustable focus. With 1-1/2" leads

Dia: .42" L: 1" WT: .04

STOCK #	DESCRIPTION	PRICE
7965-LZ	3mW Laser Diode	\$29.95

LASER POINTER

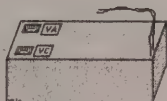


Stylish Black & Gold pen style LASER pointer contains visible red laser diode, lens & 2 AAA batteries in metal case. <5mW class III-A output power, 670nm wave-length. Momentary push button switch for easy use. Visibility exceeds 300ft. when used with projection/display screens.

Dia: .45" L: 5.7" Ship WT: .3

STOCK #	DESCRIPTION	PRICE
8689-LZ	LASER Pointer	\$29.95

9V DC LASER SUPPLY

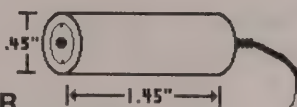


Sealed, DC input laser supply. Input: 9V DC +5% @ 1A regulated. Output: 1.1-1.5kV DC @ 4mA running 7-8kV starting. 6" input wires, two recessed 1/4" quick connect terminals.

L: 4-1/4" W: 1-1/2" H: 1-1/8" WT: .5

STOCK #	DESCRIPTION	PRICE
3772-LZ	9V DC LASER Supply	\$49.95

3MW 635NM RED DIODE LASER



Mini LASER diode Head contains visible 635nm red laser diode with lens & driver electronics all in a black metal case. Between 1 & 3mW output power. **3.0V DC (MAX)** @ <90mA. Coated collimator lens. With 6" leads

Dia: .45" L: 1.45" WT: .04

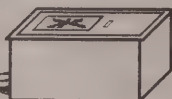
STOCK #	DESCRIPTION	PRICE
6967-LZ	3mW LASER Diode	\$119.95

LASER BAR CODE SCANNER

New, Metrologic MS360-A1 "Mini Slot in counter, LASER UPC scanner. DIP switch adapts to most Registers adhering to RS232, NCR OCIA, & DTS OCIA. reads versions A,E & D UPC Code and EAN-8 & 13. Self contained including LASER, optics & electronics. 6ft. power cord, DB-15S interface conn. With Manual, UL/CSA/IEC Listed

L: 9.67" W: 11.57" H: 5.05" WT: 15.5

STOCK #	DESCRIPTION	PRICE
7076-MI	NEW LASER Scanner	\$249.95

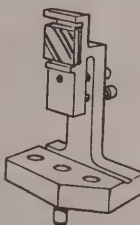


GOLD 1ST. SURFACE MIRROR

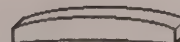
Removed from equipment, Low distortion; front surface mirror assembly. Gold is used for it's high reflectivity at IR & near IR light. 12.5mmX12.5mmX3mm" flat glass mounted on aluminum bracket.

H: 2-3/8" L: 1-1/2" W: 1-1/2" WT: .18

STOCK #	DESCRIPTION	PRICE
8801-MI	1st. Surface IR Mirror	\$3.95



SCANNER LENS



Coated Meniscus (convex/concave) magnifying optical glass lens. Positive type lens (outward curve sharper than inner curve) Designed for laser scanners like those found in grocery stores.

L: 4" W: 5/8" WT: .21

STOCK #	DESCRIPTION	PRICE
4510-LN	Scanner Lens	\$2.00

HI-VOLTAGE SUPPLY KIT

Adjustable Hi-Voltage supply kit for .5-3mW Laser tubes or other hi-voltage projects. Input 9-14V DC @ .5A-1A. Output > 10KV open circuit. Approximate output current of 6mA. Trigger voltage 8-10kV. Complete kit with PC board, hi-voltage fly-back transformer, 555 IC, transistor, pot, hi-voltage caps & instructions.

L: 5" W: 2-1/8" H: 4-1/4" WT: .7

STOCK #	DESCRIPTION	PRICE
5298-LZ	LASER Supply Kit	\$39.95



SMALL FRONT MIRRORS

Front surface mirrors are used for laser and optical experiments, etc, because of their low distortion. Made of 1/4" flat plate glass.

L: 6-1/2" W: 1" T: 1/4" WT: .2

STOCK #	DESCRIPTION	PRICE
3151-MI	Front Surface Mirror	\$1.50



FRONT SURFACE MIRROR

Low distortion; front surface mirrors. Used in laser scanners & other optical equipment. Made of 1/16" flat glass with an peel & stick adhesive pad on back.

L: 1" W: 7/8" max WT: .004

STOCK #	DESCRIPTION	PRICE
7834-MI	Front Surface Mirror	\$0.95



LARGE FRONT SURFACE MIRROR

Because of their low distortion; front surface mirrors are used for laser scanners and other optical equipment. Made of 1/4" flat plate glass. May have some slight imperfections

L: 11-3/4" W: 2" T: 1/4" WT: .5

STOCK #	DESCRIPTION	PRICE
7334-MI	Front Surface Mirror	\$2.50



**CREDIT CARD-COD
ORDERS TAKEN BY PHONE
9:00 AM - 4:30 PM (Eastern)
MONDAY - FRIDAY
1-800-652-6733**

**Got a Question or Something to Sell
24 Hr FAX
1-561-844-8764**

FRONT SURFACE MIRROR

Because of their low distortion; front surface mirrors are used for laser scanners and other optical equipment. Made of 1/4" flat plate glass. May have some slight imperfections

L: 9-1/4" W: 1" T: 1/4" WT: .2

STOCK #	DESCRIPTION	PRICE
7343-MI	Front Surface Mirror	\$1.50



LENS/OPTICS

PORRO PRISM



Experimenter grade Porro prisms. These have nicks, scratches and chips but are functional. Optical glass prism that erects & reverts an image. Used in binoculars, telescopes etc.

L: 1-11/16" W: 13/16" T: 7/8" WT: .07

STOCK #	DESCRIPTION	PRICE
8799-LN	Porro Prism	\$2.25

MAGNIFIER LENS



U.S. Precision, non-symmetric, double convex, glass lens. 3.75" dia. X 1" thick, rated +1150 diopter. Approx. focal length = 3.5"

Dia: 3.75" T: 1" WT: .7

STOCK #	DESCRIPTION	PRICE
3917-LN	Magnifier Lens	\$3.00

"FOLDED" LENS

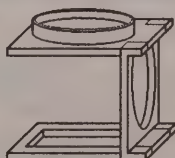


Used, Plummer convex glass lens assembly with mirrored back. Specifications unknown at this time. Image enters lens then is reflected back out thru lens. Flat field corrected. Used for copy machine & laser printers. 1/4" mounting flange. Mounted in removable aluminum bracket.

L: 3-1/2" W: 2" WT: 1.9

STOCK #	DESCRIPTION	PRICE
6301-LN	Plummer Used Lens	\$6.95

GIANT FOLDING LENS



Folding magnifier with a quality 4" Dia. glass lens. 7" tall when open & 1-5/8" folded. 6-1/2" X 5-1/4" open bottom has inch/cm scales. Ideal for collectors, jewelers, electronic repairs.

L: 6-1/2" W: 5-1/4" T: 7" WT: 1

STOCK #	DESCRIPTION	PRICE
0079-LN	Giant Folding Lens	\$6.95

"FOLDED" LENS



Fuji convex glass lens assembly with mirrored back. F 7.2 with focal length of 187mm. Image enters lens then is reflected back out thru lens. Flat field corrected. Used for copy machine & laser printers. 1/4" mounting flange.

Dia: 3-1/2" T: 1-3/4" WT: .8

STOCK #	DESCRIPTION	PRICE
6300-LN	Fuji Folded Lens	\$7.95

EYE LOUPE MAGNIFIERS



Plastic eye loupes used to do watch & jewelry repair, and to check circuit boards.

Dia: 1.5" L: 1.25" WT: .03

STOCK #	DESCRIPTION	PRICE
7430-LN	2.5X Eye Loupe	\$1.95
7431-LN	5X Eye Loupe	\$1.95
7432-LN	7.5X Eye Loupe	\$1.95
7433-LN	10X Eye Loupe	\$1.95

"FOLDED" LENS



Convex glass lens assembly with mirrored back. Specifications unknown at this time. Image enters lens then is reflected back out thru lens. Flat field corrected. Used for copy machine & laser printers. 1/4" mounting flange.

Dia: 3-5/8" T: 1-3/4" WT: .66

STOCK #	DESCRIPTION	PRICE
6302-LN	Folded Lens	\$5.95

PRISM LENS



Small optical glass prism used in small camera viewfinders. 2 flat surfaces and 1 slightly curved face (Gives slight panoramic view in camera). Ideal experimenter piece.

L: 13/16" W: 9/16" T: 3/8" WT: .01

STOCK #	DESCRIPTION	PRICE
7790-LN	Prism Lens	\$1.25

COATED COPY LENS



Removed from equipment. Quality, coated lens for industrial photo machine. Multi element glass lens in black metal case. No info on this lens but focal length appears to be about 8"

Dia: 3" L: 2-7/8" WT: 1.5

STOCK #	DESCRIPTION	PRICE
8800-LN	Industrial Copy Lens	\$7.95

TWEEZERS WITH MAGNIFIER



Stainless steel tweezer with attached 4X magnifier. Ideal for sorting small parts etc. Folds to only 3/8" thick

L: 3-5/8" W: 1-1/4" WT: .05

STOCK #	DESCRIPTION	PRICE
7420-TL	Tweezer with Magnifier	\$1.95

PLASTIC DOME



3-1/4" Dia. clear plastic dome with a 3/8" wide black plastic ring around the edge. Overall measures 4-1/4" Dia X 1-1/2" tall. This is not a lens so it's not distortion free.

Dia: 4-1/4" T: 1-1/2" WT: .14

STOCK #	DESCRIPTION	PRICE
6294-LN	Plastic Dome	\$4.95

MAGNIFIER LAMP



Adjustable elbow magnifying lamp features a 4" plastic, 3 diopter (1.75X) lens, Two 14" spring balanced arms, ON/OFF switch for a 60 watt household bulb (not included), and 2 wire AC cord and plug. White finish.

STOCK #	DESCRIPTION	PRICE
4739-LN	Magnifier Lamp	\$19.95

FISH EYE LENS



Plastic fish eye lens. 1.75" dia. X 5/8" thick. Ideal for hobby optical experiments.

Dia: 1.75" T: 5/8" WT: .035

STOCK #	DESCRIPTION	PRICE
7543-LN	Fish Eye Lens	\$1.75

FLIP-UP BINOCULAR MAGNIFIERS



Magnifier with adjustable headband & two levels of magnification. 1st. level is 2.2X with focal length of 10in. 2nd. set of lenses fold down to increase magnification to 3.3X with a focal length of 5in. Do not interfere with eyeglasses, & flip up out of the way without removing from head.

WT: .3

STOCK #	DESCRIPTION	PRICE
5819-TL	Flip up Magnifiers	\$17.95

LAMPS/INDICATORS



12V PANEL LAMPS

Red, yellow & Green panel lamps. Non replaceable lamp rated 12V. Tapered square top (.6"sq. X .5" tall). Solder terminals.

Mtg. Hole: .6" L: 1-1/2" WT: .016

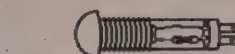
STOCK #	DESCRIPTION	PRICE
7117-LA	Red Panel Lamp	\$0.95
7118-LA	Yellow Panel Lamp	\$0.95
7119-LA	Green Panel Lamp	\$0.95

14V BAR LAMP



Penn Keystone 14 VDC Bar Indicator. Interlocking tabs for end and top stacking. .187" quick connect terminals. No mounting hardware.

STOCK #	DESCRIPTION	PRICE ea
5072-LA	14V Bar Lamp	\$0.65

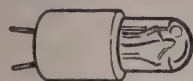


120V GREEN NEON LAMP

Unique green 120V AC neon panel indicator. The neon bulb has an internal coating that glows green when excited by the glowing neon gas. Clear plastic case and lens. Mounts in a 3/8" hole. Solder terminals. For panel up to 3/8" thick.

WT: .008

STOCK #	DESCRIPTION	PRICE
6463-LA	120V Green Neon Lamp	\$1.00



MINI LITE BULB

PC mount, frosted glass lamp rated 5V @ 182mA. White plastic base with 1/8" pc leads. Many uses for hobbyists.

WT: .002

STOCK #	DESCRIPTION	PRICE ea
7932-LA	Mini 5V Lite Blub	\$0.50

MINI 3V LAMPS



Only 3/16" dia X 7/16". Rated 3V @ 70mA, 10" red & black leads. Many uses for hobbyists! Use in model cars.

STOCK #	DESCRIPTION	PRICE
7096-LA	Mini 3V Lamps	2/\$0.80

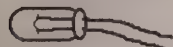
12V LED PANEL LAMP



12V DC, front mount, Red LED panel indicator. Mounts in a 5/16" hole. 5" leads.

WT: .02

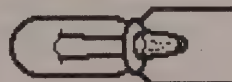
STOCK #	DESCRIPTION	PRICE ea
4745-LA	12V Panel LED Lamp	\$0.89



8687-TR Signal M4L-3-10 MINI LITE BULB \$59.95

Only 3/16" dia X 7/16". Rated 2.7V @ 60mA, 1" wire leads. Many uses for hobbyists! Use in model cars.

STOCK #	DESCRIPTION	PRICE
2236-LA	2.7V Mini Light	\$0.15

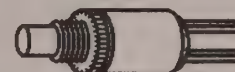


MINI LITE BULB

1/4" dia X 7/16". Rated 2.7V @ 60mA, 1/2" wire leads. Many uses for hobbyists! Use in model cars.

STOCK #	DESCRIPTION	PRICE
4379-LA	Mini Lite Blub	6/\$0.90

LED PANEL LAMP



Tec-lite 2300-6515, LED panel lamp. Clear lens, internal red LED. 20mA max forward current. Mounts in 1/4" hole. .050" sq. wire wrap pins. With mtg. hardware

STOCK #	DESCRIPTION	PRICE ea
5988-LA	Panel LED Lamp	\$0.35



14V BAR LAMP

Penn Keystone Snap-in 14 VDC Bar Indicator. Fits in 1-11/16" X 1/4" hole .187" quick connect terminals. Displays "PLEASE WAIT"

STOCK #	DESCRIPTION	PRICE
6386-LA	14V DC Bar Lamp	\$0.75

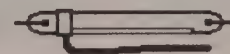
6V PANEL LAMP



SoliCo, Red lens, 6.3V panel indicator. Press fits in a .287 hole. 3/4" leads with .187" male quick connects.

STOCK #	DESCRIPTION	PRICE
6671-LI	6V Red Panel Lamp	\$0.65

XENON STROBE TUBE



Mini tube. 1" Effective length. Trigger runs effective length. 1-1/2" overall, 1/8" long pin leads, 2" trigger lead.

STOCK #	DESCRIPTION	PRICE
4119-LA	Xenon Strobe Tube	\$0.65

5V PANEL LAMP



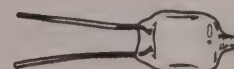
Clear dome, white frosted inside, panel indicator. Front mounts in a .187" hole using Push-on speed nut. 6" leads.

WT: .02

STOCK #	DESCRIPTION	PRICE
6670-LA	5V Panel Lamp	\$0.55



**CREDIT CARD-COD
ORDERS TAKEN BY PHONE
9:00 AM - 4:30 PM (EASTERN)
MONDAY - FRIDAY
CALL
561-848-8236
ORDERS ONLY
CALL
1-800-652-6733**

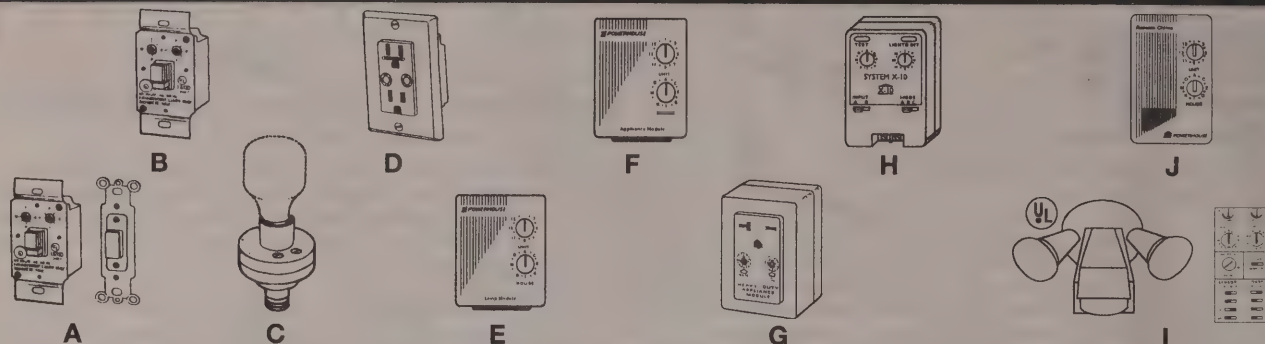


120V GREEN NEON LAMP

Unique Dialight, green 120V AC neon lamp. The neon bulb has an internal coating that glows green when excited by the glowing neon gas. 1" wire leads. Requires 75-100K ohm 1/4W series resistor.

STOCK #	DESCRIPTION	PRICE ea
7927-LA	Green Neon Lamp	\$0.19

X-10 HOME AUTOMATION & SECURITY



X-10 WE PUT YOU IN CONTROL

X-10 Winner of the 1997 Consumer Electronics Show Innovations award, **X-10** is the leader in virtual wiring home automation products for over 20 years. Through the use of your household wiring and RF transmissions; these devices transmit and receive signals that you use to control the electrical devices in your home. Systems available to provide medical emergency and security systems for your safety. Never come home to a dark house; take a worry free vacation, knowing your X-10 systems are running things.

X-10 Products are UL & CSA Listed

3 WAY SWITCH MODULE

WS4777 module for 60 (min) to 500 Watts (max) incandescent lamps. Local On, Off & remote On, Off & Dimming control. Module & included companion switch replaces both wall switches.

WT: .5

STOCK #	FIG	DESCRIPTION	PRICE
8901-XT	A	3 Way Switch Set	\$19.95

INCANDESCENT LAMP MODULE

LM-465 module for incandescent lamps up to 300 Watts. On, Off & remote Dimming control. Polarized two wire plug plugs into outlet, Polarized two wire output receptacle for lamp.

WT: .5

STOCK #	FIG	DESCRIPTION	PRICE
8905-XT	E	Lamp Module	\$14.95

WALL SWITCH MODULE

WS467 module for 60 (min) to 500 Watts (max) incandescent lamps. Local On, Off & Remote On, Off & Dimming control. Replaces standard wall switch in single gang box.

WT: .5

STOCK #	FIG	DESCRIPTION	PRICE
8902-XT	B	Wall Switch Module	\$14.95

APPLIANCE MODULES

Rated: 15A resistive; 1/3hp Motor; 500 W Incandescent. On, Off control.

Two models:

AM-486 Polarized two wire wall plug & output socket
AM-466 3 Wire wall plug & output socket (Grounding)

WT: .5

STOCK #	FIG	DESCRIPTION	PRICE
8906-XT	F	2 Wire App. Module	\$14.95
8907-XT	F	3 Wire App. Module	\$15.95

SCREW-IN LAMP DIMMER MODULE

SL-575 module for any incandescent lamp up to 150 W. On, Off and Remote Dim functions from any X-10 controller. Replace bulb in fixture with module then place bulb in module. Ideal for attic, remote flood lamp, etc.

WT: .5

STOCK #	FIG	DESCRIPTION	PRICE
8903-XT	C	Lamp Dimmer Module	\$17.95

HEAVY DUTY APPLIANCE MODULES

Rated: 220VAC, 3 Wire input & output (Grounding). On, Off control.

Two models:

HD-243 15A output

HD-245 20A output.

WT: .5

STOCK #	FIG	DESCRIPTION	PRICE
8908-XT	G	15A H/D App. Module	\$22.79
8909-XT	G	20A H/D App. Module	\$22.79

SPLIT RECEPTACLE MODULE

SR-227 module for any appliance up to 15A (1800 W unrestricted). On, Off control. Replaces standard duplex wall outlet in single gang box. Top outlet is controlled, bottom outlet always powered.

WT: .5

STOCK #	FIG	DESCRIPTION	PRICE
8904-XT	D	Split Recep. Module	\$19.95

UNIVERSAL LOW VOLTAGE INTERFACE MODULE

UM-506 module has isolated low voltage contacts. Use to control sprinkler systems, low voltage lighting, etc. Can be set for momentary or sustained contact closure. Built-in beeper for use as an alarm

WT: .5

STOCK #	FIG	DESCRIPTION	PRICE
8910-XT	H	Lo V Interface Module	\$22.75

DUAL FLOODLIGHT PIR MOTION DETECTOR

PR511 is a multi function programable PIR motion detector & controller. Unit can be set to turn on its flood lights & up to 4 selected indoor/outdoor light zones (connected to X-10 modules) at dusk. Other switches select another set of 4 indoor/outdoor light zones (also connected to X-10 modules) that operate when motion is detected. Variable sensitivity & "on" time. Remote turn on from other X-10 controllers. Use the chime module (SC546) to advise you of someone approaching your home. Bulbs NOT included. Ideal for dark drive ways, carports or walkways

WT: 2

STOCK #	FIG	DESCRIPTION	PRICE
8911-XT	I	PIR Light Control	\$53.95

POWERFLASH™ ALARM INTERFACE MODULE

PF-284 module connects to existing Alarm system and flashes Lamp/Wall modules when alarm trips (other modes selectable). Triggered by a contact closure or 6-18V AC/DC/Audio input.

WT: .5

STOCK #	FIG	DESCRIPTION	PRICE
8912-XT	H	Alarm Interface Module	\$25.75

REMOTE CHIME MODULE

SC-546 module was designed for use with the PR511 PIR floodlight. When motion is detected signal is transmitted to chime to advise you. It can also be used with X-10 timers to chime on the hour, or with manual remotes as a page or even as a doorbell

WT: .5

STOCK #	FIG	DESCRIPTION	PRICE
8913-XT	I	Remote Chime Module	\$22.79

X-10 HOME AUTOMATION

ACTIVEHOME™ HOME AUTOMATION COMPUTER INTERFACE

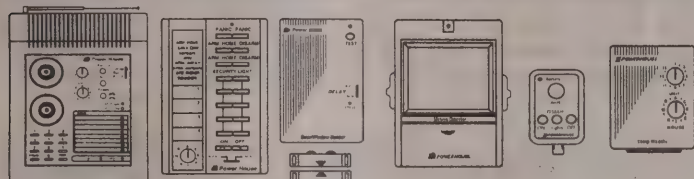
Activehome™ system lets you program lights & appliances using Windows® based software. Now your computer can control your whole house with the touch of a button. Programmable interface/Controller connects to the Serial Port of your computer and the Windows point & click screens provide easy visual setup. Universal SuperREMOTE™ controls the X-10 interface by RF link at the touch of the X-10 button anywhere in the house; while also serving as an IR remote for your VCR, TV etc. You can schedule events to turn lights or appliances on or off at set times, at dusk or dawn or even by date. Several events can be grouped as a "macro" and be activate by a single key on any X-10 controller. Interface responds to signals from other X-10 equipment (such as security system) to increase system versatility. Load the software to custom configure the automation of your home. Does not tie up computer and battery backup stores information in the event of power failure. 256 X-10 addresses, 128 settings each can be set.

Activehome™ system comes with all you need to get started: Computer interface, Cable, & CDROM software (CM11A), 1 plug-in lamp module (LM465), Transceiver Module (RR501), Universal SuperREMOTE™ (UR19A), Keychain Remote (KC674), & Batteries.

Other modules available separately

WT: 5

STOCK #	DESCRIPTION	PRICE
8915-XT	CK11A ACTIVEHOME™ Starter System	\$99.95



A B C D E F

PROTECTOR PLUS™ SECURITY SYSTEM

DS7000 installs in minutes. Fully supervised system warns of low batteries, open switches etc; protects home or office with wireless RF window/door sensors & PIR motion detector. Key Chain remote allows you to Arm & Disarm from outside your house. 8 Key Chains can be used. When tripped, sounds alarm, Flashes lamp(s) & dials up to 4 phone numbers to give a message in your voice (15 seconds max). Called number has option to listen to sounds in house to determine action to take. Add lamp/appliance modules, wireless sensors & Motion Detectors, Remote siren, as needed. Optional RF Repeater & sensors protect buildings up to 100ft. away.

7 Piece Basic system includes:

- A 1ea. PS561 16 zone Console/Dialer with 95dB siren
- B 1ea. SH624 Remote control (controls up to 4 lights/appliances)
- C 2ea. DW534 door/window transmitters
- D 1ea. SP554A Passive IR Motion Sensor
- E 1ea. KF574 Key Chain remote arm/disarm, panic, & Light on/off control
- F 1ea. LM465 Lamp Module

STOCK #	DESCRIPTION	PRICE
8916-XT	DS7000 Monitor Plus Security System	\$209.95

ADDITIONAL EQUIPMENT FOR SECURITY SYSTEM

STOCK #	DESCRIPTION	WT.	PRICE
8917-XT	DS10A Door/Window Xmitter (longer range)	.5	\$19.95
8918-XT	SP554A Passive IR Motion Sensor	1	\$47.95
8919-XT	KF574 Key Chain remote	.1	\$21.95
8920-XT	PH508 Remote 110dB Siren	1	\$39.95
8921-XT	SR731 RF Repeater	.8	\$55.95

PERSONAL ASSISTANT™ EMERGENCY SYSTEM

PA5800 System installs in minutes, no wires to run. Provides peace of mind for elderly or disabled persons. When tripped from Call Pendant (up to 8 per system); console sounds alarm, & dials up to 4 phone numbers of neighbors or friends to give a message in your voice (15 seconds max). Called number has option to listen to sounds in house to determine action to take. Add an optional lamp module(s) to flash lamps. With optional PT594 Pendant you can also control lights equipped with X-10 modules.

2 Piece Basic system includes:

- 1ea. PS581 Console/Dialer with 95dB siren
- 1ea. HP564 Heart shaped Wireless, water resistant Call Pendant

WT. 8

STOCK #	FIG	DESCRIPTION	PRICE
8922-XT		PA5800 Personal Assistant	\$124.95



Optional Equipment for Personal Assistant™ System

STOCK #	DESCRIPTION	WT.	PRICE
8923-XT	HP564 Heart Pendant without Lamp Control	.1	\$21.95
8924-XT	PT594 Call Pendant with Lamp Control	.1	\$21.95
8905-XT	LM465 Lamp Module	.5	\$14.95

REX-10™

ReX-10, your digital guard dog, is an ingenious alarm using a high quality digital recording of a barking dog. Unit can be tripped from the included DR10A keychain remote, the DM10A battery powered motion detector (not included) or other X-10 equipment. When tripped ReX can turn on lamps or equipment using optional lamp or appliance modules to give the effect of the dog waking up the family. PK9 System includes ReX-10, DR10A & 3 window decals.

DM10A Operates with the ReX10 only.

KC674 keychain operates with all X-10 wireless receivers.

STOCK #	DESCRIPTION	WT.	PRICE
8931-XT	PK9 ReX-10 System	1.5	\$69.95
8932-XT	KC674 Keychain Remote (Not Shown)	.1	\$17.95
8933-XT	DM10A Motion Detector (Not Shown)	.6	\$29.95

LIGHTING & APPLIANCE CONTROLLERS



MINI

MAXI

SUNDOWNER

MINI TIMER

These Controllers require no wiring, just plug in. Number of different address Modules controlled depends controller model, no limit to same address modules. All models have "All Lights On" and light dimming. Control all X-10 lighting/appliance modules including PR511 Passive IR Floodlight.

MC460 Mini Control up to 8 modules
SD533 Sundowner Control up to 8 modules (4 on/off at dusk/dawn)
SC503 Maxi Control up to 16 modules Allows "Grouping" of Modules
MT522 Mini Timer Control up to 8 modules (4 on/off by timer or random)

STOCK #	DESCRIPTION	WT.	PRICE
8926-XT	MC460 Mini	.5	\$11.95
8927-XT	SD533 Sundowner	.5	\$18.95
8928-XT	SC503 Maxi	.7	\$22.95
8929-XT	MT522 Mini Timer	.6	\$27.95

INSTRUCTIONAL VIDEO TAPES

UCANDO

INSTRUCTIONAL VIDEO TAPES

Reasonably Priced Video Tapes for the Beginner or Serious Technician

Most Tapes come with Workbooks

Use for quick reviews or as a adjunct to classroom instruction. Ideal for the Professional to build a strong reference library

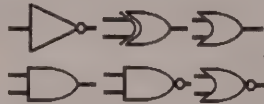
These tapes are available in VHS format only.

TAKE ADVANTAGE OF PACKAGE DEALS & SAVE MONEY

PLEASE NOTE: Once you open these tapes they are not returnable

DIGITAL PART 1

WITH WORKBOOK



Video teaches basic Digital theory. Covers the seven basic Gates, Binary & Decimal Notation & Binary Math. Teaches addition, division, multiplication & subtraction of Binary numbers.

VT301

WT: .5

STOCK #	DESCRIPTION	TIME	PRICE
5100-VT	Digital Part 1 Video	54	\$29.95

DIGITAL PART 4

WITH WORKBOOK



Video for the serious technician. Covers Analog-to-Digital and Digital-to-Analog converter circuits. Learn R-2R, Single & Dual Slope, Binary Weighted, Flash, and Successive Approx. conversion methods.

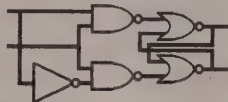
VT304

WT: .5

STOCK #	DESCRIPTION	TIME	PRICE
5103-VT	Digital Part 4 Video	57	\$29.95

DIGITAL PART 2

WITH WORKBOOK



Video expands your basic Digital knowledge. Covers R-S, D, J-K, Master-Slave, & Edge Triggered Flip-Flops, Octal & Hexadecimal Notation. Covers the operation of basic counters.

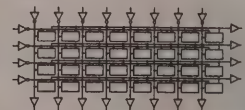
VT302

WT: .5

STOCK #	DESCRIPTION	TIME	PRICE
5101-VT	Digital Part 2 Video	55	\$29.95

DIGITAL PART 5

WITH WORKBOOK



Video for the computer operator or technician. Explains the most common memory devices in use today. Covers ROM, PROM, EPROM, EEPROM, SRAM, DRAM, & Magnetic Bubble.

VT305

WT: .5

STOCK #	DESCRIPTION	TIME	PRICE
5104-VT	Digital Part 5 Video	56	\$29.95

DIGITAL PART 3

WITH WORKBOOK



Video expands your Digital knowledge. Covers; Registers, Multiplexers, Demultiplexers, Decoder-Drivers & displays such as 7 segment, LCD & dot matrix. Covers 1 & 2s complement math.

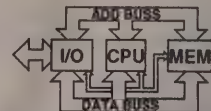
VT303

WT: .5

STOCK #	DESCRIPTION	TIME	PRICE
5102-VT	Digital Part 3 Video	56	\$29.95

DIGITAL PART 6

WITH WORKBOOK



Video for the serious computer technician. Explains the most common computer systems in use today. Covers the CPU (Central Processing Unit), Input-Output Devices, & Buss structures.

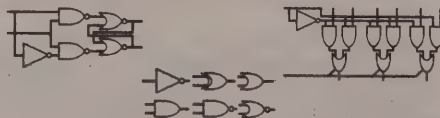
VT306

WT: .5

STOCK #	DESCRIPTION	TIME	PRICE
5105-VT	Digital Part 6 Video	56	\$29.95

DIGITAL DEAL #1

Save a bunch of Bucks



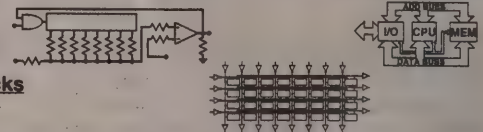
Receive Digital Instruction tapes and workbooks Parts 1, 2, and 3 for one low package price.

WT: 1.6

STOCK #	DESCRIPTION	PRICE
5114-VT	Digital Video Deal #1 Parts 1, 2 & 3	\$79.95

DIGITAL DEAL #2

Save a bunch of Bucks



Receive Digital Instruction tapes and workbooks Parts 4, 5, and 6 for one low package price.

WT: 1.6

STOCK #	DESCRIPTION	PRICE
5115-VT	Digital Video Deal #2 Parts 4, 5 & 6	\$79.95

FIBER OPTICS

WITH WORKBOOK



Video for the serious technician. Begin with fundamentals and expand your knowledge. Covers: How cable is made, the connectors, couplers, & splicing. Examine how transmitters & receivers operate.

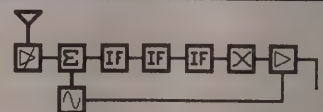
VT501

WT: .5

STOCK #	DESCRIPTION	TIME	PRICE
6415-VT	Fiber Optics Video	58	\$32.95

FM RADIO

WITH WORKBOOKS



Two part series. Begin with fundamentals in Part #1 and learn about Bandwidth, frequency deviation, RF amp & Osc., FM decoder, etc.

Part #2 covers: 19kHz Amp, Demux, audio amp, & the new RDS/RBDS methods of data encoding.

VT402 & 403

WT: 1.1

STOCK #	DESCRIPTION	TIME	PRICE
6419-VT	FM Radio #1 & 2 Videos	58ea	\$59.95

138

ORDERS: 1-800-652-6733

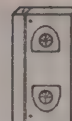
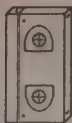
FAX ORDERS: 1-800-432-9937

INSTRUCTIONAL VIDEO TAPES

UCANDO

INSTRUCTIONAL VIDEO TAPES

Reasonably Priced Video Tapes for the Beginner or Serious Technician



THEORY PART 1: DC

WITH WORKBOOK



Video for the beginner or technician. Includes: Ohms Law, Series Circuits, Parallel Circuits, Use of a DMM. Convert series/parallel circuits to simple equivalents. Learn the basics or use as a refresher course. VT201

WT: .5

STOCK #	DESCRIPTION	TIME	PRICE
5692-VT	Theory Part 1: DC Video	55	\$32.95

THEORY PART 4: POWER SUPPLIES

WITH WORKBOOK



Video shows you how to isolate & trouble shoot power supplies. Guides you through the sections of a DC supply. Learn about Rectifiers, Filters, Regulators, protection circuits. VT204

WT: .5

STOCK #	DESCRIPTION	TIME	PRICE
5698-VT	Theory Part 4: Power Supplies Video	56	\$32.95

THEORY PART 2: AC

WITH WORKBOOK



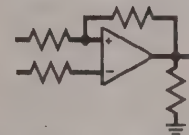
Video for the beginner or technician. Learn basic AC and about coils, capacitors, transformers. Study about Sine Waves and how Average, Peak, Peak-to-Peak, Effective, RMS values relate. VT202

WT: .5

STOCK #	DESCRIPTION	TIME	PRICE
5694-VT	Theory Part 2: AC Video	62	\$32.95

THEORY PART 5: AMPLIFIERS

WITH WORKBOOK



Video for the beginner or technician. Learn about class A, B, B-1, B-2, & C amplifiers as well as Operational Amps. Amplifiers are used in audio, video, and test equipment. VT205

WT: .5

STOCK #	DESCRIPTION	TIME	PRICE
5700-VT	Theory Part 5: Amplifiers Video	62	\$32.95

THEORY PART 3: SEMICONDUCTORS

WITH WORKBOOK



Video introduces you to the basics of semiconductors. Learn about 15 of the most common devices including Diodes, Transistors, Solid-State switches, Monolithic ICs. VT203

WT: .5

STOCK #	DESCRIPTION	TIME	PRICE
5696-VT	Theory Part 3: Semiconductors Video	57	\$32.95

THEORY PART 6: OSCILLATORS

WITH WORKBOOK



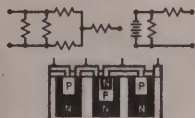
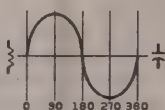
Video teaches the basics of oscillator operation. A must for all technicians since oscillators are used in both Analog & Digital systems. Learn about LC & RC oscillators, Resonant tank circuits, Crystal oscillators & ovens. VT206

WT: .5

STOCK #	DESCRIPTION	TIME	PRICE
5702-VT	Theory Part 6: Oscillators Video	56	\$32.95

BASIC THEORY DEAL #1

Save a bunch of Bucks



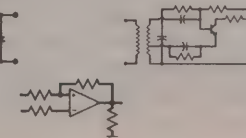
Receive Theory Part 1, 2, and 3 for one low package price. Includes; DC, AC & Semiconductors, instruction tapes and Workbooks.

WT: 1.6

STOCK #	DESCRIPTION	PRICE
5703-VT	Theory Video Deal #1 Parts 1, 2 & 3	\$89.95

BASIC THEORY DEAL #2

Save a bunch of Bucks



Receive Theory Part 4, 5, and 6 for one low package price. Includes; Power Supplies, Amplifiers & Oscillators instruction tapes & Workbooks.

WT: 1.6

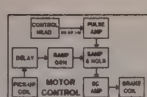
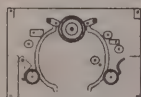
STOCK #	DESCRIPTION	PRICE
5704-VT	Theory Video Deal #2 Parts 4, 5 & 6	\$89.95

VCR MAINTENANCE & REPAIR

NO WORKBOOK

Two part series.

Part 1: VT103 Maintenance (32 Min), a nontechnical video to familiarize you with VCR's. Learn the parts in the tape path & how to clean them, replacing belts, & more. Part 2: VT102 Repair (80Min); for the serious technician. Block diagrams lead through the circuits in VHS system. With "Trouble shooting Tips", Replacing heads" explanation of control, audio, & video signals.



WT: .5ea

STOCK #	DESCRIPTION	PRICE
8761-VT	VCR Video Part 1 Repair VT-103	\$24.95
8762-VT	VCR Video Part 2 Maintenance VT-102	\$32.95
7165-VT	VCR Videos Parts #1 & 2	\$52.95

TELEVISION

WITH WORKBOOKS



Part 1: "Intro to TV" (56min) for novice or professional. Study the 35 stages common to color Receivers. Covers: Power supply, CRT, Sync, Detector & more. VT404
Part 2: "The Front End" (58Min); In-depth look at the UHF/VHF tuning sections, AFT & the remote control section. VT405
Part 3: "Audio" (57Min); In-depth look at the Audio sections, IF, Detector & Amp sections. VT406

WT: .5ea

STOCK #	DESCRIPTION	PRICE
7193-VT	Television Video Part 1 Intro.	\$32.95
7194-VT	Television Video Part 2 Front End	\$32.95
7192-VT	Television Part 3 Audio	\$32.95
7568-VT	Television Videos Part #1, 2 & 3	\$89.95

TECH. & INFO:

CALL 561-848-8236

FAX 561-844-8764

139

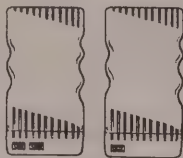
ELCOM "EZ" HOME COMMUNICATION

GET CONNECTED IN SECONDS

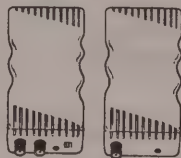
Elcom "ez" products give you the freedom to enjoy TV, Phone, Fax, Stereo Speakers and even Computer Modem use wherever you have an electrical outlet in your home. Easy to install, no special tools or knowledge required. Small, convenient modules use household wiring to provide you with a versatile communication system



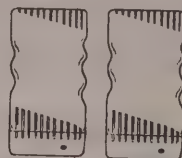
A



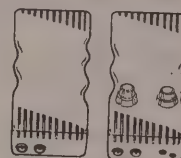
B



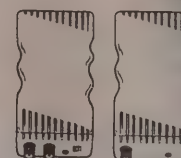
C



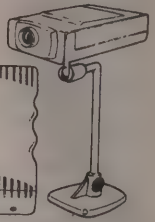
D



E



F



"ezPHONE™"

Need an extra phone jack in your house? Don't spend large sums of money to the local phone co. for wiring when you can "get connected" fast. By using the electrical wiring in your home; ezPhone provides full telephone service & even Caller ID at the electrical outlets throughout the house. Just plug in the transmitter into an outlet near a phone jack, connect the Modular cord to phone jack and transmitter; place the receiver in an AC outlet and connect the phone. ezPhone works with Pay-per-View impulse dialing, supports Fax and answer machines. Starter set includes: ezPhone transmitter, ezPhone receiver, and 6ft phone cord. Extra Receiver(s) sold separately. UL listed

WT: 2

STOCK #	FIG.	DESCRIPTION	PRICE
8855-EZ	A	"ezPhone" System	\$129.50
8856-EZ		Extra "ezPhone" Receiver	\$69.95

"ezTV™" WITH REMOTE

View satellite, cable TV, even VCR programs at the electrical outlets in every room in your house. Don't pay the cable co. or the local TV shop to add coax cable when you can "get connected" fast. The ezTV with Remote Control Extension System enables you to control the video source (VCR/Cable Box/etc.) from the ezTV receiver location. Duplex operation allows you to use video source remote control at the receiving outlet. Note that ezTV only carries a signal that is from a channel 3 or 4 output source such as VCR, Satellite receiver, or Cable Box. Starter set includes: ezTV transmitter, ezTV receiver, (2) 6ft coax cables, Splitter, A/B switch, remote I/R emitter & sensor & instructional Video. Extra Receiver(s) sold separately. UL listed

L: 4" W: 2.75" H: 2" WT: 3.4

STOCK #	FIG.	DESCRIPTION	PRICE
8859-EZ	D	"ezTV" System	\$129.50
8860-EZ		Extra "ezTV" Receiver	\$74.95

"ezONLINE™"

Want to use your laptop to E-mail or surf the net from your bedroom or porch but no phone jack for the modem! Don't spend money to the local phone co. for wiring when you can "get connected" fast. Using the electrical wiring in your home; ezOnline allows your computer modem to pass through data as fast as your phone line is rated. ezOnline is compatible with Caller ID. Just plug in the transmitter into an outlet near a phone jack, connect the Modular cord to phone jack and transmitter; place the receiver in a convenient AC outlet and connect your modem. Starter set includes: ezOnline transmitter, ezOnline receiver, and 6ft phone cord. Extra Receiver(s) sold separately. UL listed

WT: 2

STOCK #	FIG.	DESCRIPTION	PRICE
8857-EZ	B	"ezOnline" System	\$129.50
8858-EZ		Extra "ezOnline" Receiver	\$69.95

"ezAUDIO™"

Enjoy quality stereo in any room in your house. By using the electrical wiring in your home; ezAudio provides full stereo audio at the electrical outlets throughout the house. Just plug in the transmitter into an outlet near your Audio source (TV, CD, Receiver etc); connect the line level outputs to the transmitter; place the receiver in an AC outlet and connect to your speakers or remote amp. Receiver has RCA jacks for line level out to amps, 1/8" stereo jack for headphones and another 1/8" phone jack with volume, balance, treble and base. Starter set includes: ezAudio transmitter, ezAudio receiver, stereo audio cable, 2 RCA to bare wire cables, manual & instructional video. Extra Receiver(s) sold separately. UL listed

L: 4" W: 2.75" H: 2" WT: 3.2

STOCK #	FIG.	DESCRIPTION	PRICE
8861-EZ	E	"ezAudio" System	\$129.50
8862-EZ		Extra "ezAudio" Receiver	\$74.95

"ezREMOTE™"

Now you can remotely control any appliance such as VCR, TV ect virtually any unit that uses I/R signals. Turn the TV on or off, change CDs etc. from any room in the house. Using the electrical wiring in your home; ezRemote allows your remote control to operate anywhere. Simply plug the ezRemote transmitter to an outlet attach the IR sensor; place the receiver in a convenient AC outlet near your equipment, attach the IR emitter to receiver and your equipment. Starter set includes: ezRemote transmitter, ezRemote receiver, remote I/R emitter & IR sensor. Extra Transmitter(s) & Receiver(s) sold separately. UL listed

WT: 2

STOCK #	FIG.	DESCRIPTION	PRICE
8865-EZ	C	"ezRemote" System	\$83.25
8866-EZ		Extra "ezRemote" Transmitter	\$55.95

"ezVIEW™"

Now you can see and hear and enjoy the confidence that your baby is safe and sound or the person at the door is your neighbor not a salesman. With ezView your household wiring replaces cables. You place the Black & White camera just about anywhere near an outlet & connect the ezView Transmitter. Plug in the receiver(s) in the room(s) you have a TV and connect to TV. Ideal for use with portable TV that you can move room to room as you work around the house or shop. Output of receiver is selectable for channel 3 or 4. System includes: ezView transmitter, ezView receiver, 1 coax cable, CCD camera & AC adapter, Camera stand, Camera Cable, A/B cable switch, & instructional video. Extra Receiver(s) sold separately. UL listed. Indoor use only.

WT: 5

STOCK #	FIG.	DESCRIPTION	PRICE
8863-EZ	F	"ezView" TV System	\$249.95
8864-EZ		Extra "ezView" TV Receiver	\$74.95

FEATURE ITEMS

10A SOLID STATE RELAY

PRICE
CUT

CONTROL VOLTS:
3.8-28 VDC
RATED:
10A @ 240VAC Resistive
CONNECTION:
Screw
Used, Tested, Opto-
Isolated. UL/CSA Listed



L: 2-1/4" W: 1-3/4" H: 01" WT: .2

STOCK #	DESCRIPTION	PRICE
4062-RL	10A Used SSR	\$3.95 \$3.50

3MW VISIBLE DIODE LASER



Mini LASER diode Head contains visible red laser diode, lens & driver electronics in a brass case. 3mW output power, 660nm wave-length, **3.0V DC (MAX)** @ <60mA. Coated collimator lens. Adjustable focus. With 1-1/2" leads
Dia: .42" L: 1" WT: .04

STOCK #	DESCRIPTION	PRICE
7965-LZ	3mW Laser Diode	\$29.95

POCKET "BLACKLIGHT"

Pocket sized "Black Light" used to detect fluorescent inks, paints etc. Unit runs off 2 "AA" cells. With belt clip & Push button switch for convenience in use.

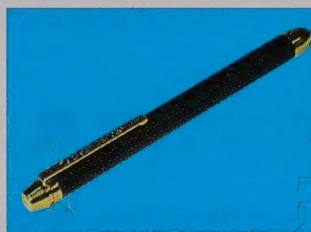
L: 3-1/8" W: 1-3/4" T: 1" WT: .1

STOCK #	DESCRIPTION	PRICE
7231-MI	Mini "Black Light"	\$3.95

LASER POINTER

Stylish Black & Gold pen style LASER pointer contains visible red laser diode, lens & 2 AAA batteries in metal case. <5mW class III-A output power, 670nm wave-length. Momentary push button switch for easy use. Visibility exceeds 300ft. when used with projection/display screens.

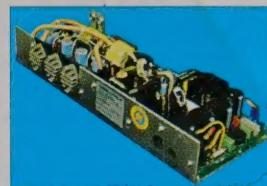
Dia: .45" L: 5.7" Ship WT: .3



STOCK #	DESCRIPTION	PRICE
8689-LZ	LASER Pointer	\$29.95

+5V & +12V SUPPLY

P/N: C855
MFG: POWER COMPS,
Input: 115/230
VAC 50/60Hz



Output: #1: +5V @ 80A #2: +12V @ 3.5A
#3: -12V @ 3.5A #4: -5V @ 4A
Specifications/Features:
Open frame switching supply. Remote Sense +5. Overcurrent protected, Molex conn. for input. Header socket/buss bar output. UL/CSA/TUV Listed
L: 15" W: 6-1/2" H: 2-1/2" WT: 6.3

STOCK #	DESCRIPTION	PRICE
7658-PS	Power Components Supply	\$14.95

5V & +12V SUPPLY

MFG: VOLGEN
P/N: ERK15-1212
Input: 100-240 VAC 50/60 Hz
Output #1: +5V @ 2A #2: +12V @ .3A #3: -12V @ .3A
Specifications/Features:
Enclosed switching supply. Power "on" LED, terminal strip IN/OUT
L: 5-1/2" W: 3-7/8" H: 1-1/2" WT: .9



STOCK #	DESCRIPTION	PRICE
7765-PS	Volgen ERK15-1212	\$9.95

MULTI-MEDIA BLACK & WHITE CAMERA



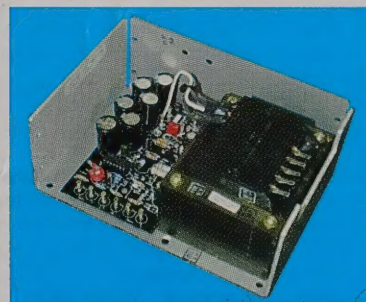
Element: 1/3" silicon CCD sensor
Lens: Fixed
Scanning: EIA 525 lines- 60 fields
Iris/shutter: Auto; 1/60-1/10,000
Resolution: 400 H X 500 V (380 lines)
Tilt head allows adjustment +/- 30° tilt of head. New Mini camera package for multimedia or security applications. Platinum color plastic case.

UL/CSA Plug transformer Available

STOCK #	DESCRIPTION	PRICE
7797-ST	Multi-media Camera	\$89.95
7798-PD	12VDC Plug Supply	\$5.95

15V 4.5A SUPPLY

MFG: CONDOR
P/N: HN15-4.5-A+
Input: 100,120,215,230-240
VAC 47-63Hz
Output: 15V @ 4.5A
Specifications/Features:
Open frame linear supply. Load reg: .05% (50% change) Line Reg: .05% (10% change). Remote Sense & Overcurrent protected. UL/CSA/TUV listed
L: 7/8" W: 4-7/8" H: 2" WT: 7.2



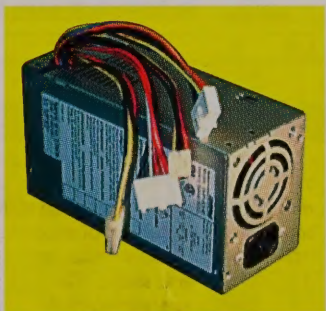
STOCK #	DESCRIPTION	PRICE
8611-PS	15V @ 4.5A Condor	\$29.95

COMPUTER WORK STATION SUPPLY

MFG: COMPAQ
P/N: SMP80HB
Input: 120-240VAC 50-60Hz
Output #1: +5V @ 10A #2: +12V @ 1.5A
#3: -5V @ 0.3A #4: -12V @ 0.3A

Specifications/Features:
Switching supply for work station. Standard IEC input power connector. Recessed push button power switch, P-1 & P-2 mother board connectors. Cable for HDD and one for 3-1/2" Floppy. UL/CSA/TUV listed.

L: 6-3/4" W: 3-3/4" H: 2-7/8" WT: 2.15



STOCK #	DESCRIPTION	PRICE
7645-PS	70W Computer Supply	\$8.95

DIGITAL MULTIMETER

Light weight 5 function, 3-1/2" digit hand held meter with 1/2" LCD display. With 9V battery, test leads & instructions. Fuse Over-load protection.

DC VOLTS & CURRENT
Range: Volts: 2, 20, 200, 1KV
Current: 200ua, 2, 20, 200mA 2A, 10A
Accuracy: 1% + 2 LS digit (1.2% current)
AC VOLTS - Range Volts: 200, 750V
Accuracy: 1.2% + 10 LS Digit
RESISTANCE
Ranges: 200, 2K, 20K, 200K, 2M Accuracy: 1.2% + 2 LS Digit
Misc. Test: Diode 2.75 VDC open cir. 1.5mA max Transistor hfe
T: 5" W: 2-3/4" D: 1" WT: .5



STOCK #	DESCRIPTION	PRICE
7162-TE	9202 Digital Multimeter	\$12.95

GENERAL & ORDERING INFORMATION

FAX BACK & WHAT IT DOES FOR YOU!

FAX BACK is an exciting new service of M. P. Jones & Assoc. Inc.

The FAX-BACK PHONE NUMBER
1-561-848-1125

In the catalog you will find these symbols (The number will Change)



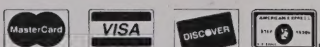
The symbol(s) means that information is available by FAX

We have dedicated a phone line and a computer to provide you with information. All you need to do is call our FAX BACK number from a Fax machine with a phone set. When the computer answers it will give you a verbal instructions on use of the service. You enter the code number (01-99) found in the catalog or from the FAX BACK menu. When you hear the tone, start your FAX Machine
1: DIAL 1 561 848-1125
2: FAX BACK Computer will answer
3: Follow the simple instructions to enter code 00 to receive a list of available information.
4: Select the Information you wish to receive and enter the 2 digit code number
5 The selected information will be sent to your machine.

The Following is a sample of the Information available.

FAX BACK Sample Listing

Unadvertised Specials
Order Info & Form 2pgs
Front, Back & pg. 2 of Catalog
Power supply Quick Guide 1pg
Power Supplies (All) 10pgs
Fan Quick Guide 1pg
Fans (All) 4pgs
Parallax Basic Stamp 4pgs
Electronic Kits 5pgs



CREDIT CARD-COD ORDERS

TAKEN BY PHONE
9:00 AM - 4:30 PM (Eastern)
MONDAY - FRIDAY
1-800-652-6733

YOUR CUSTOMER NUMBER & WHAT IT DOES FOR YOU!

On your first order or catalog request, you will be assigned a unique customer number. From then on it will appear on all correspondence and orders. Referencing this customer number will expedite your order. Also, you will become eligible for special flyers, catalogs and discount coupons.

YOU MAY ORDER BY:

- Mail:** Use enclosed order form. Send to: Marlin P. Jones & Assoc. Inc. P. O. Box 12685 Lake Park, Fl. 33403-0685
- FAX:** You may take advantage of our 24 hour FREE FAX line (800) 4 FAX YES. Please take care to write legible. Illegible FAX's are the leading cause of delay in servicing FAX orders. Be sure to include a return FAX number.
- Phone:** 9:00AM to 4:30PM Eastern Time, Monday through Friday. A good practice is to fill out the order form in the catalog and have your credit card number ready.

MINIMUM ORDER \$15.00

Orders under \$15.00 will be returned.

PAYMENT

- Credit Card:** We accept American Express, Discover, Master Card or Visa.
- COD:** Cash On Delivery - COD's to a UPS address only. COD service is not available for APO, FPO, MPO, Post Office Boxes, outside the U.S.A. and NO Federal Express COD. There is a **\$5.50 COD handling charge** plus the shipping charge. Refused or unclaimed orders will be subject to a 15% restocking charge and shipping costs. Reshipments will have to pay for the first and second shipping costs.
- Check / Money Order:** Please allow sufficient funds for shipping. Please put your customer number on your check. Returned checks will be charged a \$20.00 fee.

SALES TAX

Orders shipped to an address in Florida must pay Florida State Sales Tax, unless we have a signed Florida sales tax certificate on file prior to shipping. If you are required to pay sales tax in your state, that is your responsibility.

GUARANTEE

Should any item not measure up to your needs it may be returned for replacement, credit on a future order, or refund check at your option.

RETURN POLICY

Returns/exchanges must be within 15 days from date of invoice. A return form is provide in your package, no need to call. All items must be complete, in original condition & packaging. Internal manufacture's packaging/boxes must be undamaged. Ship freight paid (No COD). If unit was damaged in shipment, save box & packing & contact carrier. Items ordered in error will be subject to a 15% restocking charge.

SHIPPING

We are automated for United Parcel Service (UPS). This is the most cost effective shipping method. Exact cost calculated at time of order

UPS Ground Service: Cheapest Calculate cost from the tables below.

UPS 2nd. Day Air: (Blue Label) Order will be delivered in 2 working days (not Guaranteed). Order must be placed by 1:00PM Eastern Time.

UPS Overnight Air: (Red label)

Order will be delivered next working day if placed by 1:00PM EST. **Approximate** cost is \$16.00 + \$2.00 per pound over first pound. Exact cost calculated at time of order.

Saturday Delivery: Red Label Charge plus \$15.00

Insurance: \$0.50 per \$100.00

First \$100.00 free.

United States Postal Service:

Shipping by Parcel Post is available. Allow 3 weeks for delivery. Use charts below plus 20%.

DISCLAIMER

Marlin P. Jones & Assoc. does not manufacture or represent the Manufacturer of products sold in this catalog. We are not responsible for typographical errors in the catalog. All items are subject to availability & prior sale. Prices are subject to change without notice. Drawings of items are believed to be typical of the item, however, they may not be exact. It is the purchasers' responsibility to insure the correctness of the item being purchased and it's proper use. We accept no responsibility for any damage that occurs.

PACKAGE PICK UP

Orders may be picked up between 9:30AM to 4:30PM Eastern time Monday through Friday. Order must be phoned in prior to pick-up. Allow sufficient time to have your order pulled before you come in.

SHIPPING INSTRUCTIONS

Locate the first 3 digits of your "Zip Code" to find your shipping zone. Estimate the weight of the items your are ordering by adding the weight that is marked next to the items listed in our catalog. Round up to the nearest pound. Locate your zone in the bottom chart and calculate the charges. If the weight is higher than the chart lists, add the highest weight to the additional pounds to get the correct amount.
Example: Zone: 2 - Weight: 25lbs.

18lbs. @ \$5.49 + 7lbs. @ \$4.52 = a total shipping charge of \$10.01

SHIPPING ZONES

ZIPCODE	ZONE	ZIPCODE	ZONE	ZIPCODE	ZONE	ZIPCODE	ZONE
004-005.....	6	308-319.....	4	540.....	7	690-693.....	7
010-046.....	6	320-322.....	3	541-547.....	6	700-726.....	5
047.....	7	323-325.....	4	548.....	7	727.....	6
048-076.....	6	326.....	3	549.....	6	728-729.....	5
077-078.....	5	327-339.....	2	550-558.....	7	730-748.....	6
079.....	6	342-347.....	2	559.....	6	749.....	5
080-089.....	5	349.....	2	560-585.....	7	750-754.....	6
100-149.....	6	350-353.....	4	586-599.....	8	755-759.....	5
150-163.....	5	354-359.....	5	600-619.....	6	760-769.....	6
164-165.....	6	360-368.....	4	620-622.....	5	770-778.....	5
166.....	5	369-394.....	5	623.....	6	779-797.....	6
167.....	6	395.....	4	624.....	5	798-799.....	7
168.....	5	396-397.....	5	625-627.....	6	800-814.....	7
169.....	6	399.....	4	628-633.....	5	815.....	8
170-183.....	5	400-433.....	5	634-635.....	6	816-820.....	7
184-188.....	6	434-436.....	6	636-639.....	5	821.....	8
189-199.....	5	437-462.....	5	640-653.....	6	822.....	7
200-279.....	5	463-468.....	6	654-655.....	5	823-864.....	8
280-285.....	4	469-479.....	5	656-676.....	6	865-885.....	7
286-288.....	5	480-499.....	6	677.....	7	889-961.....	8
289-299.....	4	500-511.....	6	678-686.....	6	970-986.....	8
300-306.....	6	512.....	7	687.....	7	988-994.....	8
307.....	5	513-539.....	6	688-689.....	6		

UPS GROUND SHIPPING AND HANDLING RATE CALL for UPS RED BLUE & 3 Day

LB	2	3	4	5	6	7	8
1	\$4.14	\$4.30	\$4.56	\$4.65	\$4.75	\$4.83	\$4.90
2	\$4.17	\$4.35	\$4.85	\$4.97	\$5.20	\$5.30	\$5.56
3	\$4.27	\$4.53	\$5.06	\$5.23	\$5.51	\$5.63	\$5.97
4	\$4.39	\$4.69	\$5.20	\$5.41	\$5.66	\$5.87	\$6.30
5	\$4.52	\$4.83	\$5.28	\$5.50	\$5.85	\$6.07	\$6.52
6	\$4.63	\$4.91	\$5.34	\$5.58	\$6.03	\$6.27	\$6.68
7	\$4.75	\$4.98	\$5.41	\$5.63	\$6.15	\$6.48	\$6.92
8	\$4.86	\$5.06	\$5.48	\$5.71	\$6.30	\$6.72	\$7.32
9	\$4.98	\$5.15	\$5.54	\$5.82	\$6.47	\$7.02	\$7.77
10	\$5.09	\$5.25	\$5.62	\$5.95	\$6.65	\$7.39	\$8.22
11	\$5.19	\$5.36	\$5.71	\$6.15	\$6.92	\$7.75	\$8.73
12	\$5.28	\$5.48	\$5.83	\$6.37	\$7.21	\$8.14	\$9.25
13	\$5.36	\$5.61	\$5.95	\$6.60	\$7.53	\$8.63	\$9.83
14	\$5.44	\$5.75	\$6.12	\$6.85	\$7.85	\$9.05	\$10.48
15	\$5.52	\$5.92	\$6.30	\$7.10	\$8.20	\$9.68	\$11.09
16	\$5.66	\$6.10	\$6.48	\$7.50	\$8.91	\$10.28	\$11.71
17	\$5.69	\$6.25	\$6.66	\$7.61	\$9.23	\$10.71	\$12.23
18	\$5.76	\$6.42	\$6.84	\$7.93	\$9.62	\$11.16	\$12.75

MARLIN P. JONES & ASSOC. INC.

P.O. BOX 12685 • LAKE PARK, FLORIDA 33403-0685
• ORDERS: VOICE: 800-652-6733 • FAX: 800-432-9937 •
• LOCAL VOICE: 848-8236 •

CATALOG 97-6A

IMPORTANT

NAME			CUSTOMER NUMBER:
COMPANY			ORDER DATE:
ADDRESS			DAY PHONE:
CITY	STATE	ZIP:	FAX NUMBER:

METHOD OF PAYMENT

CARD NO.	EXP. DATE	<input type="checkbox"/> American Express <input type="checkbox"/> Discover
NAME ON CARD (PLEASE PRINT)		<input type="checkbox"/> Master Card <input type="checkbox"/> VISA
SIGNATURE		<input type="checkbox"/> Cash on Delivery <input type="checkbox"/> Check # _____

[illegible]

SHIP METHOD:

☐ UPS ground ☐ UPS 3 Day ☐ UPS 2 Day
☐ UPS overnight ☐ Post Office (allow 2 Weeks)

☐ Cancel items not available for immediate shipment. Ship remaining items. ☐ Cancel entire order if any item is unavailable.

☐ Hold Order until complete. Maximum of 5 working days. ☐ Are you receiving more than one copy of the same Catalog?

MINIMUM ORDER \$15.00

Merchandise Total	
COD Charge (if any)	
Sales Tax (Florida only)	
Shipping & Handling Charge	
Applied Balance	
(Mat.+Ship+COD+Tax) TOTAL	
Amount Remitted	

TECH. & INFO: CALL 561-848-8236

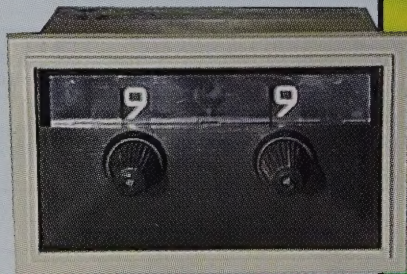
FAX 561-844-8764

143

24V DC PRESET COUNTER

SALE

Veeder-Root 7447 two digit predetermining counter (count down). Preset a number in the counter, each impulse lowers the count by 1 until counter reaches "0". Internal 250VAC, 5A SPDT contacts change state. Coil rated: 24 VDC, 3W. White numbers on black with gray plastic case. 10" wire leads. Front panel mount. W: 2-15/16" H: 1-13/16" D: 3-1/2" WT: .74



8763-MI Veeder 24VDC Counter \$24.95

COUNTERS & TIMERS - PAGE 63

ANTI-STATIC CARRY CASE



Used black anti-static plastic cases with snap for grounding strap/ cable (cable not incl). Plastic hinge & 2 snap latches. Inside: Sm. 12-1/4" x 8-1/2" x 2-1/8", Lg. (pictured) 19" x 11-1/4" x 2-1/8"
Outside: Sm. L: 13-1/2" W: 10-1/4" T: 3-1/2"
WT: 2.4
Lg. L: 20" W: 12-1/2" T: 2"
WT: 4.3



8757-MI Large Anti-Static Case \$10.95
7553-MI Small Anti-Static Case \$8.95

BOXES & CASES - PAGE 81

ORDER TOLL FREE

PHONE: 800-652-6733 FAX: 800-432-9937

VALUE

LCD PANEL METER

Compact 3-1/2
Digit LCD DPM

with black plastic bezel & face plate. Meter features: 200mV input, 1/2" character height, adj. decimal point, auto polarity, >100Mohm input imp. 2 readings/sec., 9 VDC powered, .5% accuracy. Thru panel mounting. W: 2-5/8" H: 1-3/4" D: 3/8" WT: .1

6929-ME 200mV LCD Panel Meter \$7.95

PANEL METERS - PAGE 3 & 85



**+5V, +12V, -12V
+24V SUPPLY**

MFG: ELPAC

P/N: MASS-210-3

Input:

115/230VAC 47-440Hz

Outputs:

#1 +5V @ 15A

#2: +12V @ 6 A

#3: -12V @ 1A

#4: -5V @ .5A

Specifications/Features:

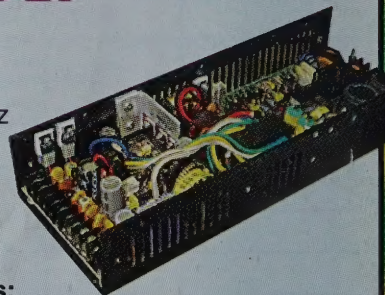
Open frame switching supply. Overcurrent protected.

Terminal strip for input & output. UL listed

L: 13" W: 5" H: 3-1/2" WT: 4.2

8758-PS Quad Elpac \$29.95

POWER SUPPLIES - PAGES 13-32



BARGAIN

HEADPHONE & MICROPHONE



Small and light weight communication headset for cell phone etc. Dynamic earpiece with FET mike on end of mouth piece. Ideal for hands free operation. 4ft cord with 1/8" stereo phone plug. WT: .05

8290-MK Headset \$4.95

8507-PL Metal Stereo Cable Jack \$1.29

8508-PL Plastic Chassis Jack \$0.89

MARLIN R. JONES & ASSOC. INC.

P.O. BOX 12685, LAKE PARK, FL 33403-0685

**THIS IS THE ONLY CATALOG YOU WILL RECEIVE UNLESS YOU
PLACE AN ORDER OR REQUEST ANOTHER CATALOG**

CATALOG 97-6A

BULK RATE
US POSTAGE
PAID
M.P.JONES INC.

C. Sellati
Radio Sales
Eureka St
Lima OH 45804-1424

3